

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	309	L2 same L4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 05:40
L7	37754	sulfonamide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 05:40
L8	96181	angio\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 05:40
L9	34652	angiogen\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 05:40
L10	13	L2 near10 L4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 06:02
L11	8	"9816520"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 11:24
L12	2	("5534654").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/13 06:39
L13	0	("anthranilic").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/13 06:39
L14	8303	anthranilic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 06:39
L15	1272	I7 and I14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 06:39
L16	8	I7 near5 I14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 07:29

EAST Search History

L17	5	("2004019113").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/13 07:01
L18	2	("20040019113").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/13 07:28
L20	549	l8 and l15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 07:28
L21	79	l7 same l14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 07:36
L22	0	l8 same l21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 07:29
L23	2	("5929097").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/13 07:46
L24	2	("6335334").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/13 07:58
L25	988	(562/430).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/13 07:59
L26	1283	(514/562).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/13 07:59
L28	186	l25 and l26	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 07:59
L29	56	l8 and l28	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 08:00
L30	6	l14 and l29	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 08:00

EAST Search History

L31	1	"5086065".PN.	USPAT; USOCR	OR	ON	2006/06/13 08:03
L32	1	"5110812".PN.	USPAT; USOCR	OR	ON	2006/06/13 08:03
L33	1	"5248673".PN.	USPAT; USOCR	OR	ON	2006/06/13 08:03
L34	72	sirks	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 10:44
L35	0	l7 and l34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 10:44
L36	2	("9816514").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/13 11:25
L37	2	("9816506").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/13 11:28
L38	2	("9816503").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/13 11:28

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS	4	FEB 21	STN AnaVist, Version 1.1, lets you share your STN AnaVist visualization results
NEWS	5	FEB 22	The IPC thesaurus added to additional patent databases on STN
NEWS	6	FEB 22	Updates in EPFULL; IPC 8 enhancements added
NEWS	7	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS	8	MAR 03	Updates in PATDPA; addition of IPC 8 data without attributes
NEWS	9	MAR 22	EMBASE is now updated on a daily basis
NEWS	10	APR 03	New IPC 8 fields and IPC thesaurus added to PATDPAFULL
NEWS	11	APR 03	Bibliographic data updates resume; new IPC 8 fields and IPC thesaurus added in PCTFULL
NEWS	12	APR 04	STN AnaVist \$500 visualization usage credit offered
NEWS	13	APR 12	LINSPEC, learning database for INSPEC, reloaded and enhanced
NEWS	14	APR 12	Improved structure highlighting in FQHIT and QHIT display in MARPAT
NEWS	15	APR 12	Derwent World Patents Index to be reloaded and enhanced during second quarter; strategies may be affected
NEWS	16	MAY 10	CA/CAPLUS enhanced with 1900-1906 U.S. patent records
NEWS	17	MAY 11	KOREAPAT updates resume
NEWS	18	MAY 19	Derwent World Patents Index to be reloaded and enhanced
NEWS	19	MAY 30	IPC 8 Rolled-up Core codes added to CA/CAPLUS and USPATFULL/USPAT2
NEWS	20	MAY 30	The F-Term thesaurus is now available in CA/CAPLUS
NEWS	21	JUN 02	The first reclassification of IPC codes now complete in INPADOC
NEWS	EXPRESS		FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005. V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT http://download.cas.org/express/v8.0-Discover/
NEWS	HOURS		STN Operating Hours Plus Help Desk Availability
NEWS	LOGIN		Welcome Banner and News Items
NEWS	IPC8		For general information regarding STN implementation of IPC 8
NEWS	X25		X.25 communication option no longer available after June 2006

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 05:49:44 ON 13 JUN 2006

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 05:49:52 ON 13 JUN 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0

DICTIONARY FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

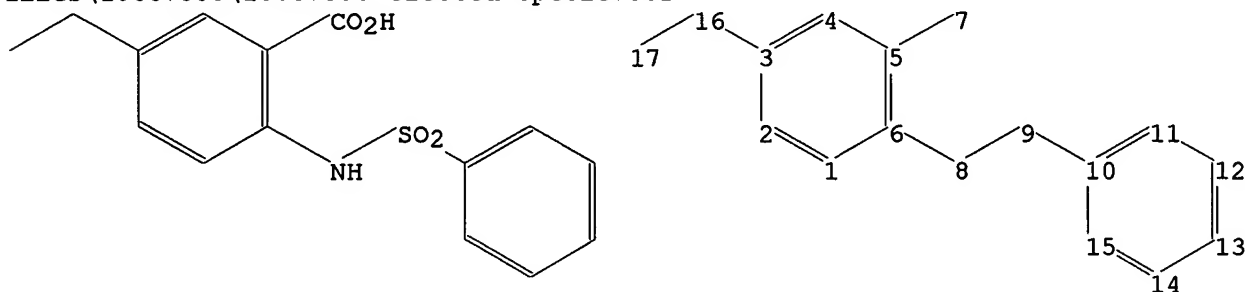
Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary files\10667358\10667358 elected specie.str



```

chain nodes :
7 8 9 16 17
ring nodes :
1 2 3 4 5 6 10 11 12 13 14 15
chain bonds :
3-16 5-7 6-8 8-9 9-10 16-17
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 10-11 10-15 11-12 12-13 13-14 14-15
exact/norm bonds :
6-8 8-9
exact bonds :
3-16 5-7 9-10 16-17
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 10-11 10-15 11-12 12-13 13-14 14-15

```

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:CLASS 17:CLASS

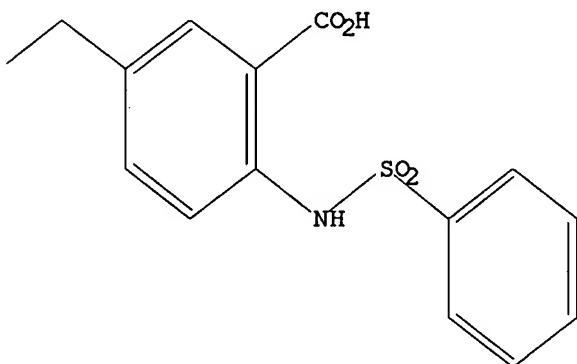
```

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l1 exact sam

SAMPLE SEARCH INITIATED 05:50:19 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**

PROJECTED ITERATIONS: 0 TO 0

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA EXA SAM L1

=> search l1 exact full

FULL SEARCH INITIATED 05:50:27 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 28 TO ITERATE

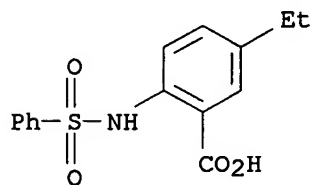
100.0% PROCESSED 28 ITERATIONS
SEARCH TIME: 00.00.01

1 ANSWERS

L3 1 SEA EXA FUL L1

=> d 13

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
RN 677290-35-6 REGISTRY
ED Entered STN: 28 Apr 2004
CN Benzoic acid, 5-ethyl-2-[(phenylsulfonyl)amino]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C15 H15 N O4 S
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
58.44	58.65

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 05:50:39 ON 13 JUN 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 13 Jun 2006 VOL 144 ISS 25
FILE LAST UPDATED: 12 Jun 2006 (20060612/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> 13

L4 4 L3

=> d 14 1-04 ti

L4 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

TI Preparation of sulfonamides having antiangiogenic and anticancer activity

L4 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

TI Preparation of sulfonamides having antiangiogenic and anticancer activity

L4 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

TI Preparation of sulfonamides having antiangiogenic and anticancer activity

L4 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

TI Sulfonamides having antiangiogenic and anticancer activity

=> d 14 1-04 ti fbib abs

L4 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

TI Preparation of sulfonamides having antiangiogenic and anticancer activity

AN 2004:701804 CAPLUS

DN 141:173972

TI Preparation of sulfonamides having antiangiogenic and anticancer activity

IN Comess, Kenneth M.; Erickson, Scott A.; Henkin, Jack; Kalvin, Douglas M.; Kawai, Megumi; Kim, Ki H.; Bamaung, Nwe Y.; Park, Chang Hoon; Sheppard, George S.; Vasudevan, Anil; Wang, Jieyi; Barnes, David M.; Fidanze, Steve D.; Kolaczowski, Lawrence; Mantei, Robert A.; Park, David C.; Sanders, William J.; Tedrow, Jason S.; Wang, Gary T.

PA USA

SO U.S. Pat. Appl. Publ., 127 pp.

CODEN: USXXCO

DT Patent

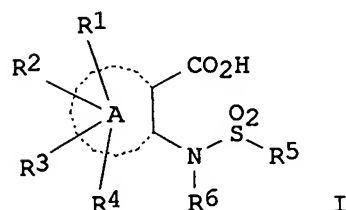
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	US 2004167128	A1	20040826	US 2003-681784	20031008
				US 2002-416793P	P 20021008

OS MARPAT 141:173972

GI



AB The title compds. [I; A = 5-6 membered (non)aromatic ring containing 0-3 atoms selected from N, O, and S (wherein the ring is optionally fused to a second 5-7 membered (non)aromatic ring containing 0-3 atoms selected from N, O, and S); R1-R3 = H, alkenyl, alkoxy, etc.; R4 = H, alkyl, alkoxy, etc.; R5 = alkyl, NH2, aminoalkyl, aryl, etc.; R6 = H, alkyl, aryl, etc.; provided

that when A = Ph, at least one of R1-R4 is other than H, alkyl, halo] having methionine aminopeptidase-2 inhibitory (MetAP2) activity, were prepared E.g., a multi-step synthesis of 5-ethyl-2-[(phenylsulfonyl)amino]benzoic acid, starting from 4-ethylaniline, was given. Representative compds. I had IC50's between about 0.005 μ M and >100 μ M against MetAP2. Also described are pharmaceutical compns. comprising the compds. I, methods of treatment using the compds. I, methods of inhibiting angiogenesis, and methods of treating cancer.

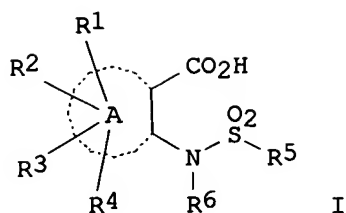
L4 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Preparation of sulfonamides having antiangiogenic and anticancer activity
 AN 2004:652631 CAPLUS
 DN 141:173970
 TI Preparation of sulfonamides having antiangiogenic and anticancer activity
 IN Comess, Kenneth M.; Erickson, Scott A.; Henkin, Jack; Kalvin, Douglas M.; Kawai, Megumi; Kim, Ki H.; Bamaung, Nwe Y.; Park, Chang Hoon; Sheppard, George S.; Vasudevan, Anil; Wang, Jieyi; Barnes, David M.; Fidanze, Steve D.; Kolaczowski, Lawrence; Mantei, Robert A.; Park, David C.; Sanders, William J.; Tedrow, Jason S.; Wang, Gary T.
 PA USA
 SO U.S. Pat. Appl. Publ., 129 pp., Cont.-in-part of U.S. Ser. No. 267,081. CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004157836	A1	20040812	US 2003-667358	20030923
				US 2002-267081	A2 20021008
	US 2004068012	A1	20040408	US 2002-267081	20021008
	CA 2501520	AA	20040422	CA 2003-2501520	20031006
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
WO	2004033419	A1	20040422	WO 2003-US31671	20031006
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
AU	2003279857	A1	20040504	AU 2003-279857	20031006
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
EP	1549613	A1	20050706	EP 2003-773182	20031006
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006

PATENT FAMILY INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004068012	A1	20040408	US 2002-267081	20021008
	US 2004157836	A1	20040812	US 2003-667358	20030923

CA 2501520	AA	20040422	US 2002-267081	A2 20021008
			CA 2003-2501520	20031006
			US 2002-267081	A 20021008
			US 2003-667358	A 20030923
			WO 2003-US31671	W 20031006
WO 2004033419	A1	20040422	WO 2003-US31671	20031006
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
			US 2002-267081	A 20021008
			US 2003-667358	A 20030923
AU 2003279857	A1	20040504	AU 2003-279857	20031006
			US 2002-267081	A 20021008
			US 2003-667358	A 20030923
			WO 2003-US31671	W 20031006
EP 1549613	A1	20050706	EP 2003-773182	20031006
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
			US 2002-267081	A 20021008
			US 2003-667358	A 20030923
			WO 2003-US31671	W 20031006
FAN 2004:333690				
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	-----	-----	-----	-----
PI WO 2004033419	A1	20040422	WO 2003-US31671	20031006
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
			US 2002-267081	A 20021008
			US 2003-667358	A 20030923
US 2004068012	A1	20040408	US 2002-267081	20021008
US 2004157836	A1	20040812	US 2003-667358	20030923
			US 2002-267081	A2 20021008
CA 2501520	AA	20040422	CA 2003-2501520	20031006
			US 2002-267081	A 20021008
			US 2003-667358	A 20030923
			WO 2003-US31671	W 20031006
AU 2003279857	A1	20040504	AU 2003-279857	20031006
			US 2002-267081	A 20021008
			US 2003-667358	A 20030923
			WO 2003-US31671	W 20031006
EP 1549613	A1	20050706	EP 2003-773182	20031006
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
			US 2002-267081	A 20021008
			US 2003-667358	A 20030923
			WO 2003-US31671	W 20031006
OS MARPAT 141:173970				
GI				



AB The title compds. [I; A = 5-6 membered (non)aromatic ring containing 0-3 atoms selected from N, O, and S (wherein the ring is optionally fused to a second 5-7 membered (non)aromatic ring containing 0-3 atoms selected from N, O, and S); R1-R3 = H, alkenyl, alkoxy, etc.; R4 = H, alkyl, alkoxy, etc.; R5 = alkyl, NH2, aminoalkyl, aryl, etc.; R6 = H, alkyl, aryl, etc.; provided that when A = Ph, at least one of R1-R4 is other than H, alkyl, halo] having methionine aminopeptidase-2 inhibitory (MetAP2) activity, were prepared E.g., a multi-step synthesis of 5-ethyl-2-[(phenylsulfonyl)amino]benzoic acid, starting from 4-ethylaniline, was given. Representative compds. I had IC50's between about 0.005 μ M and >100 μ M against MetAP2. Also described are pharmaceutical compns. comprising the compds. I, methods of treatment using the compds. I, methods of inhibiting angiogenesis, and methods of treating cancer.

L4 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Preparation of sulfonamides having antiangiogenic and anticancer activity
 AN 2004:333690 CAPLUS
 DN 140:357061
 TI Preparation of sulfonamides having antiangiogenic and anticancer activity
 IN Comess, Kenneth M.; Erickson, Scott A.; Henkin, Jack; Kalvin, Douglas M.; Kawai, Megumi; Kim, Ki H.; Bamaung, Nwe Y.; Park, Chan Hoon; Sheppard, George S.; Vasudevan, Anil; Wang, Jieyi; Barnes, David M.; Fidanze, Steve D.; Kolaczowski, Lawrence; Mantei, Robert A.; Park, David C.; Sanders, William J.; Tedrow, Jason S.; Wang, Gary T.
 PA Abbott Laboratories, USA
 SO PCT Int. Appl., 309 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 3

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2004033419	A1	20040422	WO 2003-US31671	20031006
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
			US 2002-267081	A 20021008
			US 2003-667358	A 20030923
US 2004068012	A1	20040408	US 2002-267081	20021008
US 2004157836	A1	20040812	US 2003-667358	20030923
			US 2002-267081	A2 20021008
CA 2501520	AA	20040422	CA 2003-2501520	20031006
			US 2002-267081	A 20021008
			US 2003-667358	A 20030923

AU 2003279857	A1	20040504	WO 2003-US31671	W	20031006
			AU 2003-279857		20031006
			US 2002-267081	A	20021008
			US 2003-667358	A	20030923
			WO 2003-US31671	W	20031006
EP 1549613	A1	20050706	EP 2003-773182		20031006
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK					
			US 2002-267081	A	20021008
			US 2003-667358	A	20030923
			WO 2003-US31671	W	20031006

PATENT FAMILY INFORMATION:

FAN 2004:293400

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004068012	A1	20040408	US 2002-267081	20021008
	US 2004157836	A1	20040812	US 2003-667358	20030923
				US 2002-267081	A2 20021008
	CA 2501520	AA	20040422	CA 2003-2501520	20031006
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
WO 2004033419	A1	20040422	WO 2003-US31671		20031006
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW					
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG					
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
AU 2003279857	A1	20040504	AU 2003-279857		20031006
			US 2002-267081	A	20021008
			US 2003-667358	A	20030923
			WO 2003-US31671	W	20031006
EP 1549613	A1	20050706	EP 2003-773182		20031006
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK					
			US 2002-267081	A	20021008
			US 2003-667358	A	20030923
			WO 2003-US31671	W	20031006

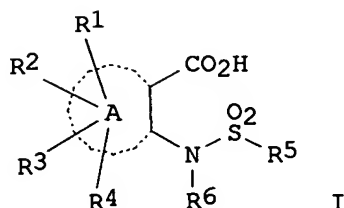
FAN 2004:652631

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004157836	A1	20040812	US 2003-667358	20030923
				US 2002-267081	A2 20021008
	US 2004068012	A1	20040408	US 2002-267081	20021008
	CA 2501520	AA	20040422	CA 2003-2501520	20031006
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
WO 2004033419	A1	20040422	WO 2003-US31671		20031006
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW					
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,					

KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

			US 2002-267081	A	20021008
			US 2003-667358	A	20030923
AU 2003279857	A1	20040504	AU 2003-279857		20031006
			US 2002-267081	A	20021008
			US 2003-667358	A	20030923
			WO 2003-US31671	W	20031006
EP 1549613	A1	20050706	EP 2003-773182		20031006
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
			US 2002-267081	A	20021008
			US 2003-667358	A	20030923
			WO 2003-US31671	W	20031006

OS MARPAT 140:357061
GI



AB The title compds. [I; A = 5-6 membered (non)aromatic ring containing 0-3 atoms selected from N, O, and S (wherein the ring is optionally fused to a second 5-7 membered (non)aromatic ring containing 0-3 atoms selected from N, O, and S); R1-R3 = H, alkenyl, alkoxy, etc.; R4 = H, alkyl, alkoxy, etc.; R5 = alkyl, NH2, aminoalkyl, aryl, etc.; R6 = H, alkyl, aryl, etc.; provided that when A = Ph, at least one of R1-R4 is other than H, alkyl, halo] having methionine aminopeptidase-2 inhibitory (MetAP2) activity, were prepared E.g., a multi-step synthesis of 5-ethyl-2-[(phenylsulfonyl)amino]benzoic acid, starting from 4-ethylaniline, was given. Representative compds. I had IC50's between about 0.005 μ M and >100 μ M against MetAP2. Also described are pharmaceutical compns. comprising the compds. I, methods of treatment using the compds. I, methods of inhibiting angiogenesis, and methods of treating cancer.

RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
TI Sulfonamides having antiangiogenic and anticancer activity
AN 2004:293400 CAPLUS
DN 140:315047
TI Sulfonamides having antiangiogenic and anticancer activity
IN Comess, Kenneth M.; Erickson, Scott A.; Henkin, Jack; Kalvin, Douglas M.; Kawai, Megumi; Kim, Ki Hwan; Bamaung, Nwe Y.; Park, Chang Hoon; Sheppard, George S.; Vasudevan, Anil; Wang, Jieyi
PA USA
SO U.S. Pat. Appl. Publ., 26 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 3

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
------------	------	------	-----------------	------

PI	US 2004068012	A1	20040408	US 2002-267081	20021008
	US 2004157836	A1	20040812	US 2003-667358	20030923
				US 2002-267081	A2 20021008
	CA 2501520	AA	20040422	CA 2003-2501520	20031006
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
	WO 2004033419	A1	20040422	WO 2003-US31671	20031006
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
	AU 2003279857	A1	20040504	AU 2003-279857	20031006
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
	EP 1549613	A1	20050706	EP 2003-773182	20031006
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006

PATENT FAMILY INFORMATION:

FAN 2004:333690

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004033419	A1	20040422	WO 2003-US31671	20031006
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
	US 2004068012	A1	20040408	US 2002-267081	20021008
	US 2004157836	A1	20040812	US 2003-667358	20030923
				US 2002-267081	A2 20021008
	CA 2501520	AA	20040422	CA 2003-2501520	20031006
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
	AU 2003279857	A1	20040504	AU 2003-279857	20031006
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
	EP 1549613	A1	20050706	EP 2003-773182	20031006
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923

				WO 2003-US31671	W 20031006
FAN	2004:652631				
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004157836	A1	20040812	US 2003-667358	20030923
				US 2002-267081	A2 20021008
	US 2004068012	A1	20040408	US 2002-267081	20021008
	CA 2501520	AA	20040422	CA 2003-2501520	20031006
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
	WO 2004033419	A1	20040422	WO 2003-US31671	20031006
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
	AU 2003279857	A1	20040504	AU 2003-279857	20031006
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
	EP 1549613	A1	20050706	EP 2003-773182	20031006
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
AB	Compds. having methionine aminopeptidase-2 inhibitory (MetAP2) are described. Also described are pharmaceutical compns. comprising the compds., methods of treatment using the compds., methods of inhibiting angiogenesis, and methods of treating cancer.				

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

38.11

96.76

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-3.00

-3.00

FILE 'REGISTRY' ENTERED AT 05:57:56 ON 13 JUN 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0

DICTIONARY FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

```
*****
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*
*****
```

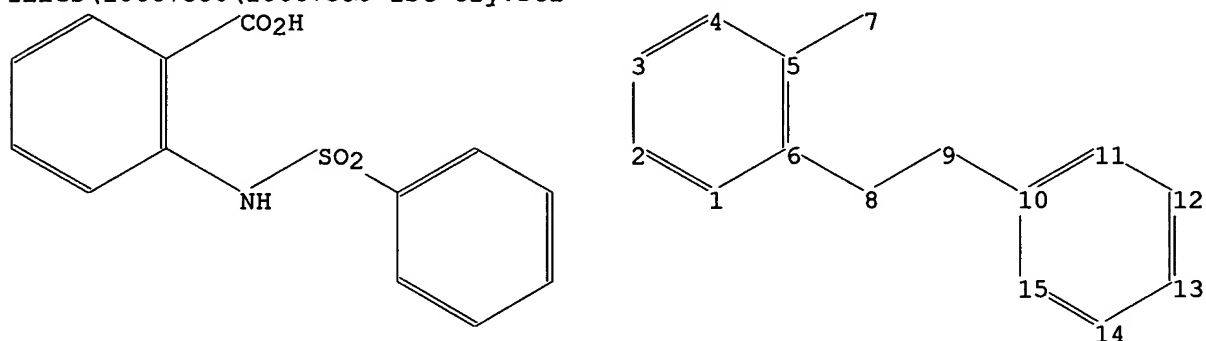
Structure search iteration limits have been increased. See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary
files\10667358\10667358 1st try.str



```
chain nodes :
7 8 9
ring nodes :
1 2 3 4 5 6 10 11 12 13 14 15
chain bonds :
5-7 6-8 8-9 9-10
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 10-11 10-15 11-12 12-13 13-14 14-15
exact/norm bonds :
6-8 8-9
exact bonds :
5-7 9-10
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 10-11 10-15 11-12 12-13 13-14 14-15
```

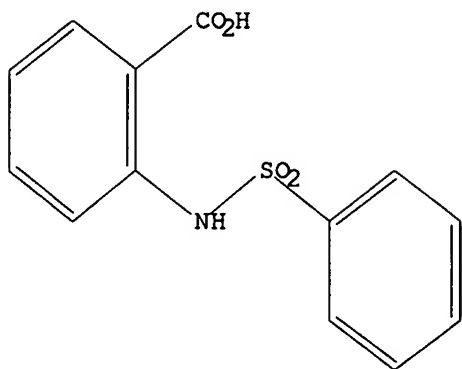
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom

L5 STRUCTURE UPLOADED

=> d 15

L5 HAS NO ANSWERS

L5 STR



Structure attributes must be viewed using STN Express query preparation.

=> search 15 sss sam

SAMPLE SEARCH INITIATED 05:58:20 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 179 TO ITERATE

100.0% PROCESSED 179 ITERATIONS

50 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 2778 TO 4382

PROJECTED ANSWERS: 981 TO 2019

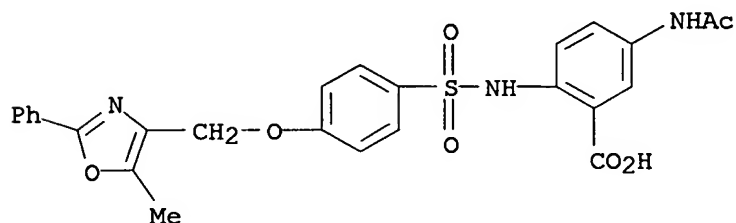
L6 50 SEA SSS SAM L5

=> d scan

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

IN Benzoic acid, 5-(acetylamino)-2-[[[4-[(5-methyl-2-phenyl-4-oxazolyl)methoxy]phenyl]sulfonyl]amino]- (9CI)

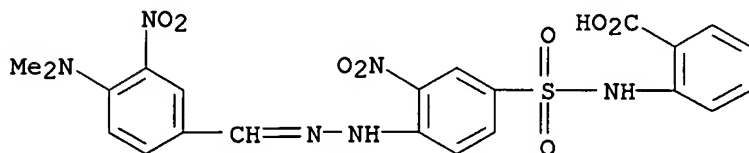
MF C26 H23 N3 O7 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

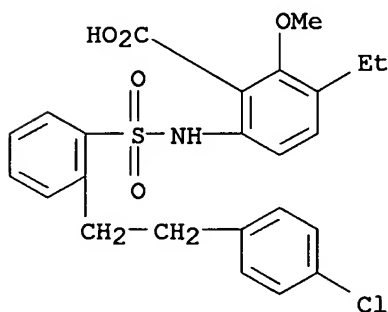
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 2-[[[4-[[4-(dimethylamino)-3-nitrophenyl]methylene]hydrazin
 o]-3-nitrophenyl]sulfonyl]amino]- (9CI)
 MF C22 H20 N6 O8 S



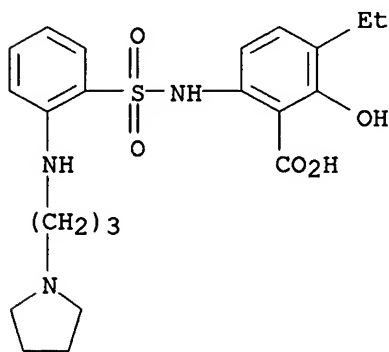
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 6-[[[2-[2-(4-chlorophenyl)ethyl]phenyl]sulfonyl]amino]-3-
 ethyl-2-methoxy- (9CI)
 MF C24 H24 Cl N O5 S



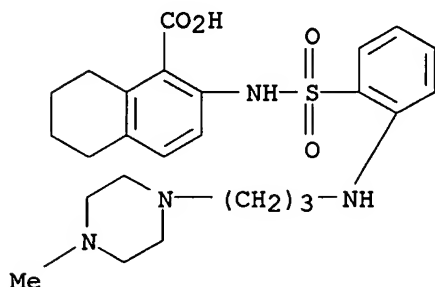
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 3-ethyl-2-hydroxy-6-[[[2-[[3-(1-
 pyrrolidinyl)propyl]amino]phenyl]sulfonyl]amino]- (9CI)
 MF C22 H29 N3 O5 S



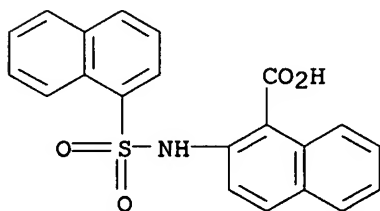
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 5,6,7,8-tetrahydro-2-[[[2-[[3-(4-methyl-1-piperazinyl)propyl]amino]phenyl]sulfonyl]amino]- (9CI)
MF C25 H34 N4 O4 S



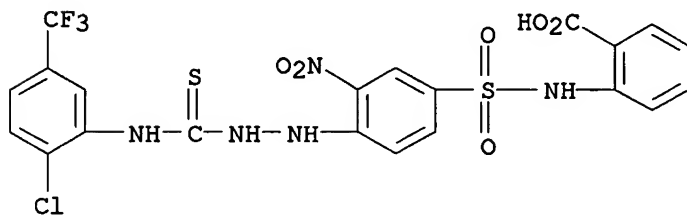
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 2-[(1-naphthalenylsulfonyl)amino]- (9CI)
MF C21 H15 N O4 S



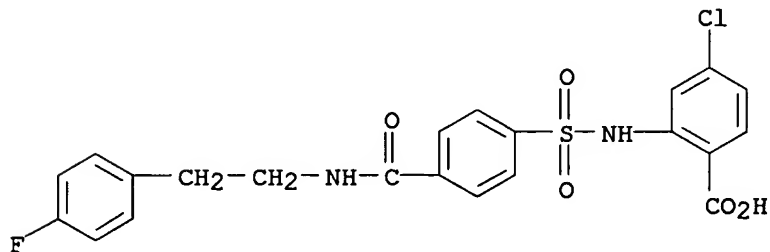
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 2-[[[4-[2-[[[2-chloro-5-(trifluoromethyl)phenyl]amino]thioxomethyl]hydrazino]-3-nitrophenyl]sulfonyl]amino]- (9CI)
MF C21 H15 Cl F3 N5 O6 S2



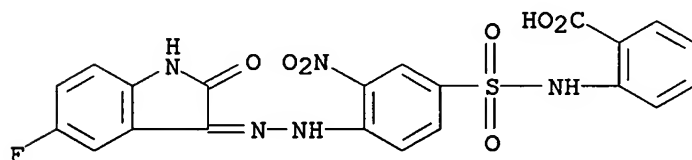
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 4-chloro-2-[[[4-[[[2-(4-fluorophenyl)ethyl]amino]carbonyl]phenyl]sulfonyl]amino]- (9CI)
MF C22 H18 Cl F N2 O5 S



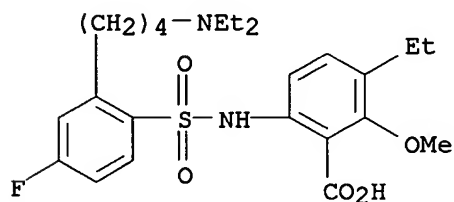
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 2-[[[4-[(5-fluoro-1,2-dihydro-2-oxo-3H-indol-3-ylidene)hydrazino]-3-nitrophenyl]sulfonyl]amino]- (9CI)
MF C21 H14 F N5 O7 S



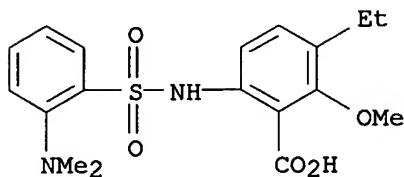
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 6-[[[2-[4-(diethylamino)butyl]-4-fluorophenyl]sulfonyl]amino]-3-ethyl-2-methoxy- (9CI)
MF C24 H33 F N2 O5 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

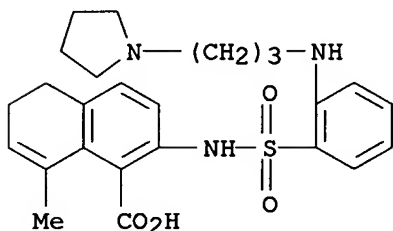
L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 6-[[[2-(dimethylamino)phenyl]sulfonyl]amino]-3-ethyl-2-methoxy- (9CI)
 MF C18 H22 N2 O5 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

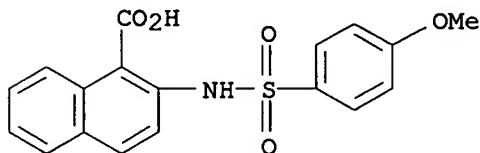
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 1-Naphthalenecarboxylic acid, 5,6-dihydro-8-methyl-2-[[[2-[[3-(1-pyrrolidinyl)propyl]amino]phenyl]sulfonyl]amino]- (9CI)
 MF C25 H31 N3 O4 S



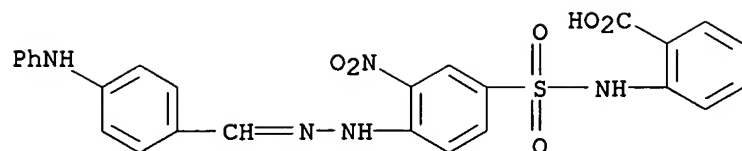
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 1-Naphthalenecarboxylic acid, 2-[[[(4-methoxyphenyl)sulfonyl]amino]- (9CI)
 MF C18 H15 N O5 S



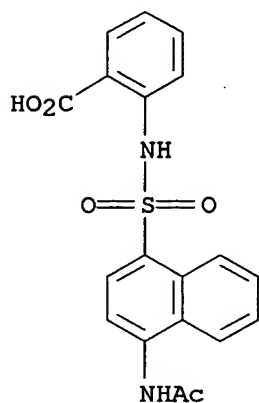
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 2-[[[3-nitro-4-[[[4-(phenylamino)phenyl]methylene]hydrazino]phenyl]sulfonyl]amino]- (9CI)
 MF C26 H21 N5 O6 S



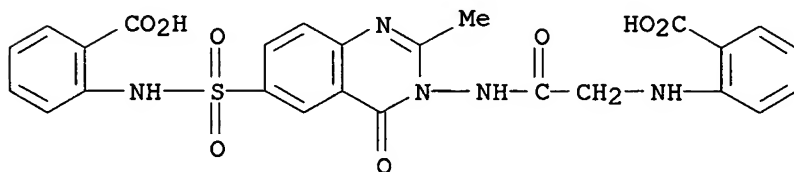
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Anthranilic acid, N-(N-acetylnaphthionyl)- (5CI)
 MF C19 H16 N2 O5 S



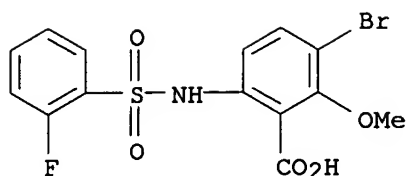
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 2-[[[3-[[[(2-carboxyphenyl)amino]acetyl]amino]-3,4-dihydro-2-methyl-4-oxo-6-quinazolinyl]sulfonyl]amino]- (9CI)
 MF C25 H21 N5 O8 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

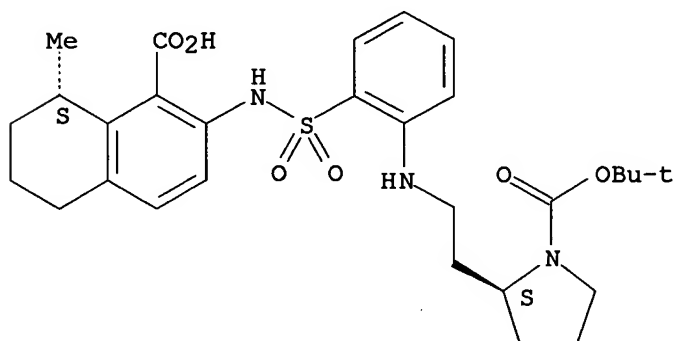
L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 3-bromo-6-[[[(2-fluorophenyl)sulfonyl]amino]-2-methoxy- (9CI)
 MF C14 H11 Br F N O5 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

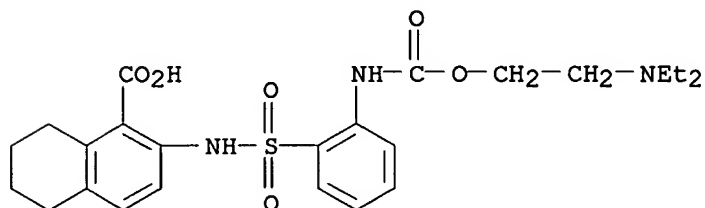
L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 1-Pyrrolidinecarboxylic acid, 2-[2-[[2-[[[2-(4-bromo-3-methoxyphenyl)amino]sulfonyl]phenyl]amino]ethyl]-, 1-(1,1-dimethylethyl) ester, (2S)- (9CI)
 MF C29 H39 N3 O6 S

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

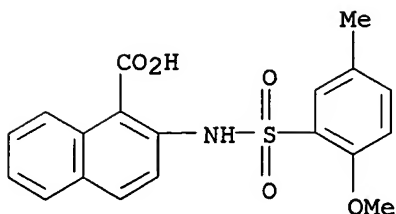
L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 1-Naphthalenecarboxylic acid, 2-[[[2-[[[2-(diethylamino)ethoxy]carbonyl]amino]phenyl]sulfonyl]amino]-5,6,7,8-tetrahydro- (9CI)
 MF C24 H31 N3 O6 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

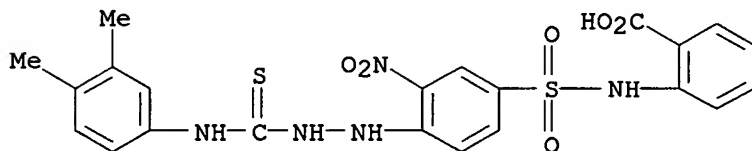
L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 1-Naphthalenecarboxylic acid, 2-[[[2-methoxy-5-

methoxyphenyl)sulfonyl]amino]- (9CI)
 MF C19 H17 N O5 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

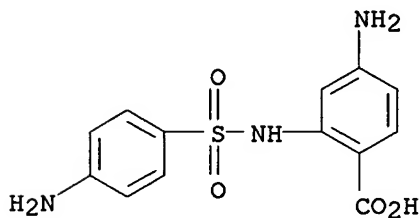
L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 2-[[[4-[2-[[[3,4-dimethylphenyl]thioxomethyl]hydrazino]-3-nitrophenyl]sulfonyl]amino]- (9CI)
 MF C22 H21 N5 O6 S2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

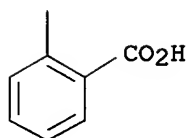
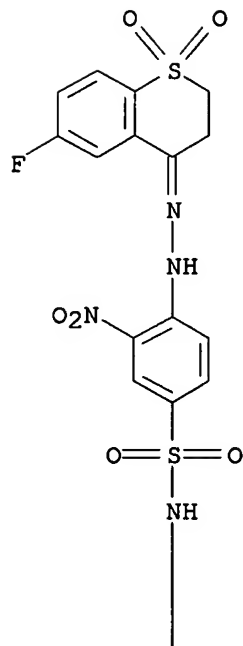
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 4-amino-2-sulfanilamido- (5CI)
 MF C13 H13 N3 O4 S



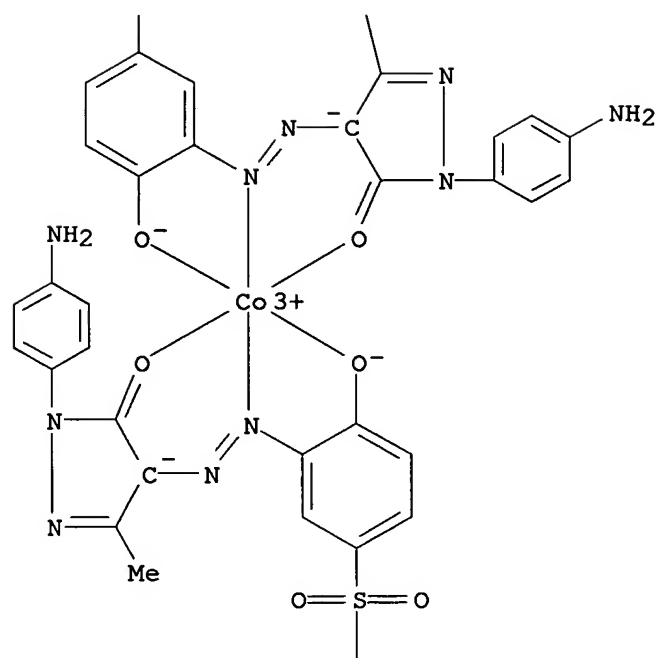
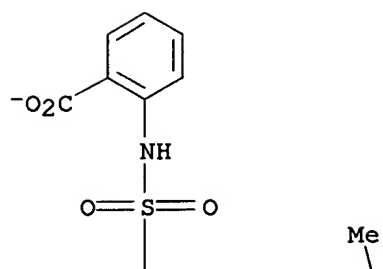
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

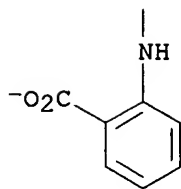
L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 2-[[[4-[(6-fluoro-2,3-dihydro-1,1-dioxido-4H-1-benzothiopyran-4-ylidene)hydrazino]-3-nitrophenyl]sulfonyl]amino]- (9CI)
 MF C22 H17 F N4 O8 S2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

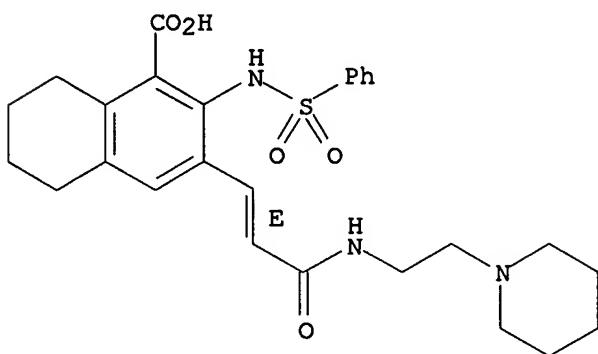
L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Cobaltate(3-), bis[2-[[[3-[[1-(4-aminophenyl)-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-4-yl]azo]-4-hydroxyphenyl]sulfonyl]amino]benzoato(3-)]- (9CI)
 MF C46 H34 Co N12 O12 S2
 CI CCS, COM





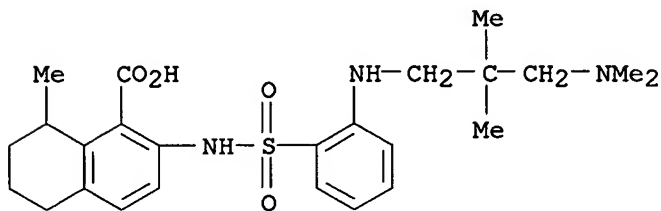
L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 1-Naphthalenecarboxylic acid, 5,6,7,8-tetrahydro-3-[(1E)-3-oxo-3-[[2-(1-piperidinyl)ethyl]amino]-1-propenyl]-2-[(phenylsulfonyl)amino]- (9CI)
 MF C27 H33 N3 O5 S

Double bond geometry as shown.



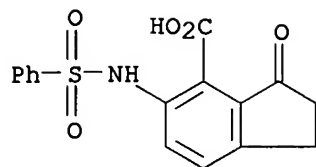
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 1-Naphthalenecarboxylic acid, 2-[[[2-[[3-(dimethylamino)-2,2-dimethylpropyl]amino]phenyl]sulfonyl]amino]-5,6,7,8-tetrahydro-8-methyl- (9CI)
 MF C25 H35 N3 O4 S



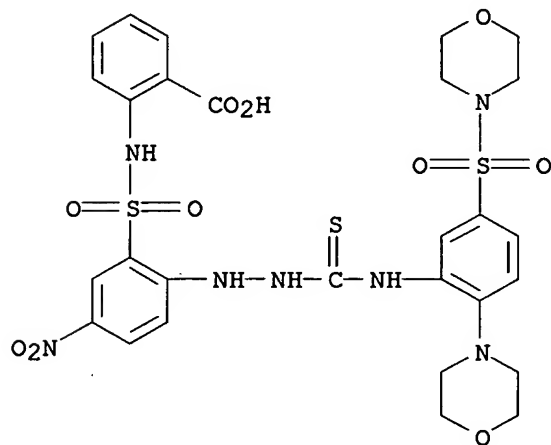
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 1H-Indene-4-carboxylic acid, 2,3-dihydro-3-oxo-5-[(phenylsulfonyl)amino]- (9CI)
 MF C16 H13 N O5 S



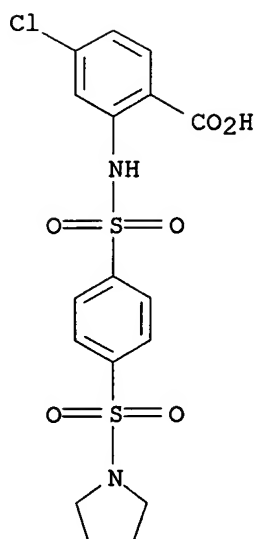
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 2-[[[2-[2-[[[2-(4-morpholinyl)-5-(4-morpholinylsulfonyl)phenyl]amino]thioxomethyl]hydrazino]-5-nitrophenyl]sulfonyl]amino]- (9CI)
 MF C28 H31 N7 O10 S3



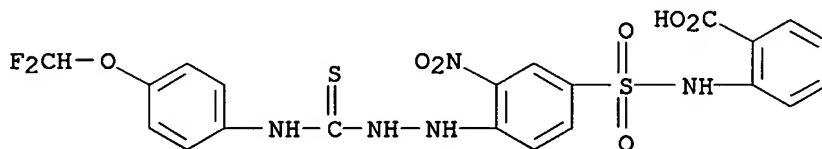
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 4-chloro-2-[[[4-(1-pyrrolidinylsulfonyl)phenyl]sulfonyl]amino]- (9CI)
 MF C17 H17 Cl N2 O6 S2



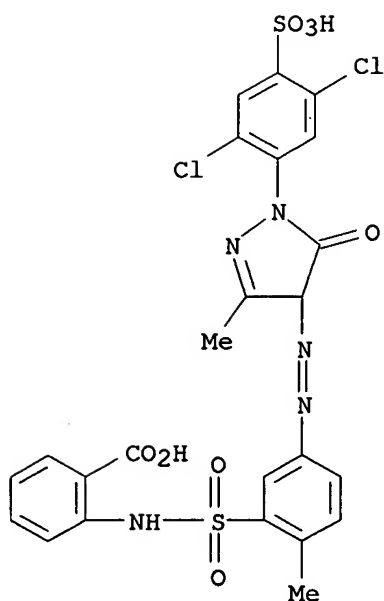
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 2-[[[4-[2-[[[4-(difluoromethoxy)phenyl]amino]thioxomethyl]hydrazino]-3-nitrophenyl]sulfonyl]amino]- (9CI)
 MF C21 H17 F2 N5 O7 S2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 2-[[[5-[[1-(2,5-dichloro-4-sulfophenyl)-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-4-yl]azo]-2-methylphenyl]sulfonyl]amino]- (9CI)
 MF C24 H19 Cl2 N5 O8 S2
 CI COM



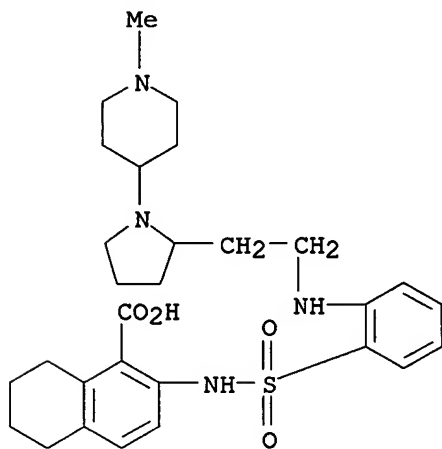
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

IN 1-Naphthalenecarboxylic acid, 5,6,7,8-tetrahydro-2-[[[2-[[2-[1-(1-methyl-4-piperidinyl)-2-pyrrolidinyl]ethyl]amino]phenyl]sulfonyl]amino]- (9CI)

MF C29 H40 N4 O4 S

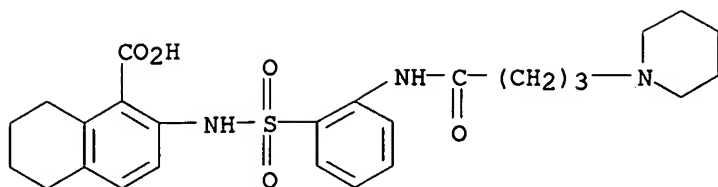


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

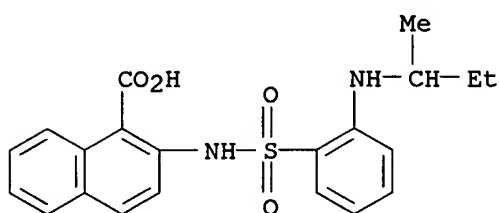
IN 1-Naphthalenecarboxylic acid, 5,6,7,8-tetrahydro-2-[[[2-[[1-oxo-4-(1-piperidinyl)butyl]amino]phenyl]sulfonyl]amino]- (9CI)

MF C26 H33 N3 O5 S



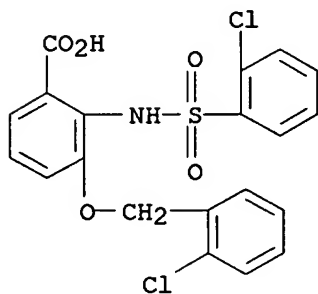
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 1-Naphthalenecarboxylic acid, 2-[[[2-[(1-methylpropyl)amino]phenyl]sulfonyl]amino]- (9CI)
 MF C21 H22 N2 O4 S



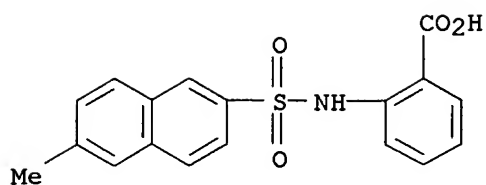
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 3-[(2-chlorophenyl)methoxy]-2-[[[(2-chlorophenyl)sulfonyl]amino]- (9CI)
 MF C20 H15 Cl2 N O5 S



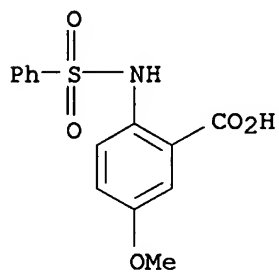
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 2-[[[(6-methyl-2-naphthalenyl)sulfonyl]amino]- (9CI)
 MF C18 H15 N O4 S



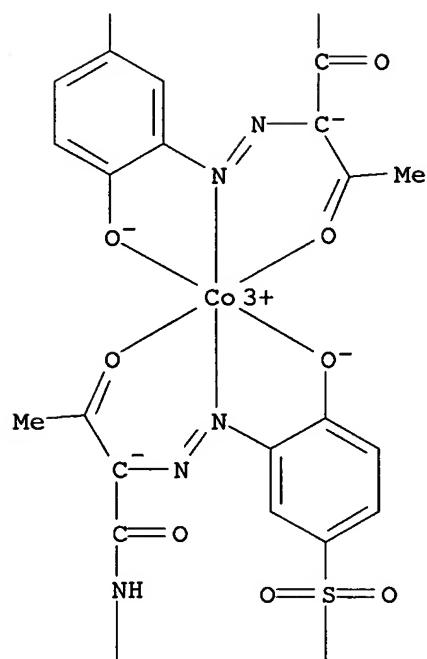
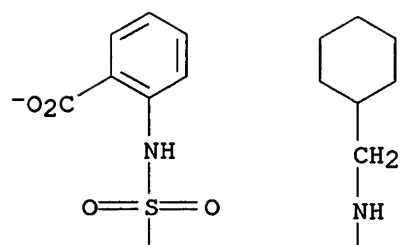
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

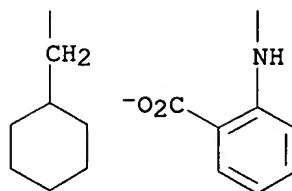
L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 5-methoxy-2-[(phenylsulfonyl)amino]- (9CI)
 MF C14 H13 N O5 S



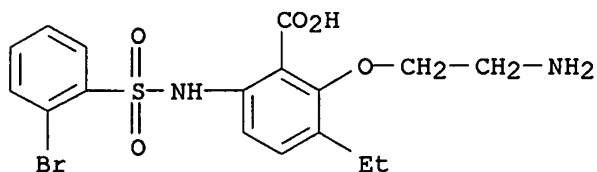
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Cobaltate(3-), bis[2-[[[3-[[1-[(cyclohexylmethyl)amino]carbonyl]-2-oxopropyl]azo]-4-hydroxyphenyl]sulfonyl]amino]benzoato(3-)]- (9CI)
 MF C48 H50 Co N8 O14 S2
 CI CCS, COM



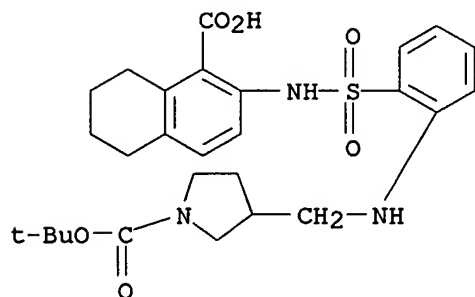


L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 2-(2-aminoethoxy)-6-[[(2-bromophenyl)sulfonyl]amino]-3-ethyl-
 (9CI)
 MF C17 H19 Br N2 O5 S



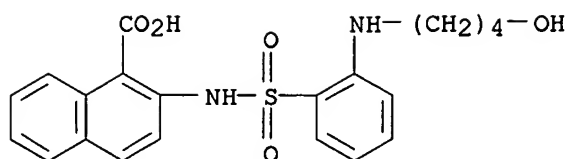
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 1-Pyrrolidinecarboxylic acid, 3-[[[2-[[(1-carboxy-5,6,7,8-tetrahydro-2-naphthalenyl)amino]sulfonyl]phenyl]amino]methyl]-, 1-(1,1-dimethylethyl)
 ester (9CI)
 MF C27 H35 N3 O6 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

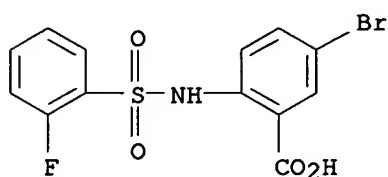
L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 1-Naphthalenecarboxylic acid, 2-[[[2-[[(4-hydroxybutyl)amino]phenyl]sulfonyl]amino]- (9CI)
 MF C21 H22 N2 O5 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

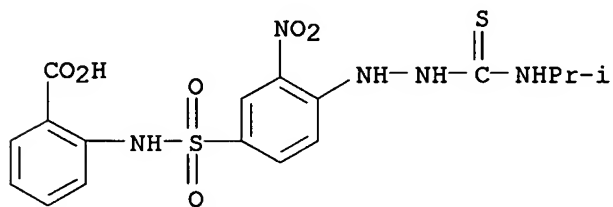
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 5-bromo-2-[[(2-fluorophenyl)sulfonyl]amino]- (9CI)
 MF C13 H9 Br F N O4 S



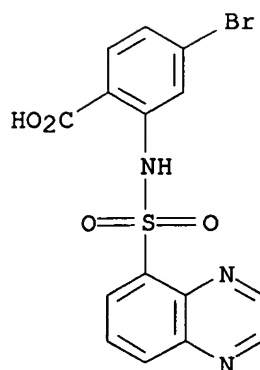
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 2-[[[4-[2-[[(1-methylethyl)amino]thioxomethyl]hydrazino]-3-nitrophenyl]sulfonyl]amino]- (9CI)
 MF C17 H19 N5 O6 S2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

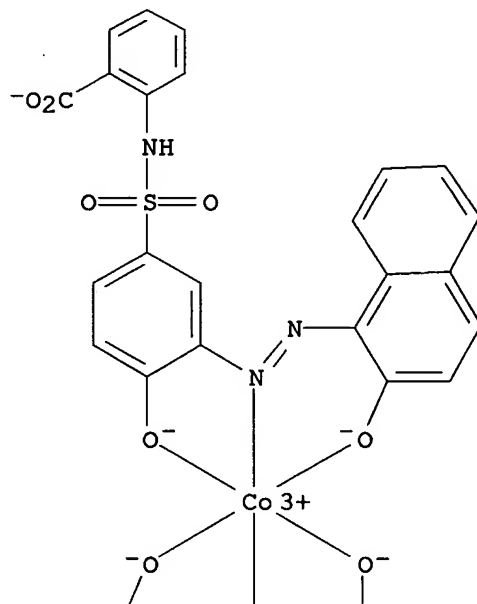
L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 4-bromo-2-[(5-quinoxalinylsulfonyl)amino]- (9CI)
 MF C15 H10 Br N3 O4 S

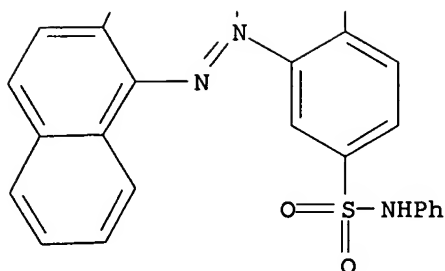


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

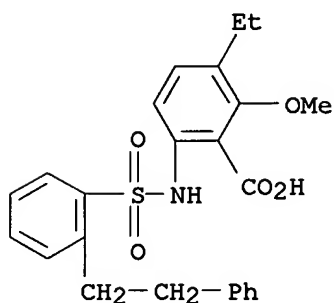
L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Cobaltate(2-), [4-hydroxy-3-[(2-hydroxy-1-naphthalenyl)azo]-N-phenylbenzenesulfonamidato(2-)] [2-[[[4-hydroxy-3-[(2-hydroxy-1-naphthalenyl)azo]phenyl]sulfonyl]amino]benzoato(3-)]- (9CI)
 MF C45 H29 Co N6 O10 S2
 CI CCS, COM

PAGE 1-A



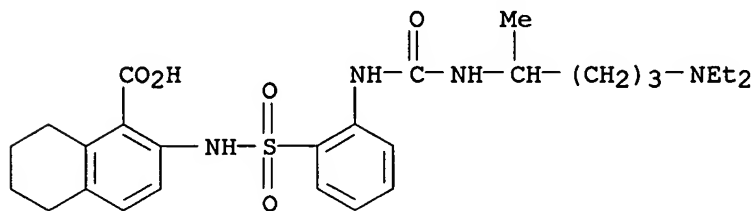


L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 3-ethyl-2-methoxy-6-[[[2-(2-phenylethyl)phenyl]sulfonyl]amino]- (9CI)
 MF C24 H25 N O5 S



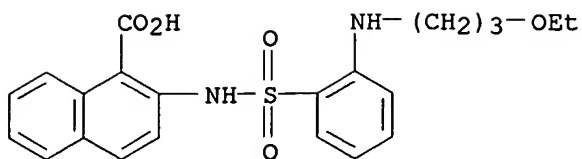
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 1-Naphthalenecarboxylic acid, 2-[[[2-[[[4-(diethylamino)-1-methylbutyl]amino]carbonyl]amino]phenyl]sulfonyl]amino]-5,6,7,8-tetrahydro- (9CI)
 MF C27 H38 N4 O5 S



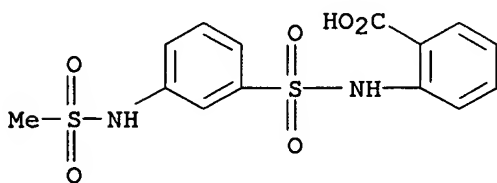
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 1-Naphthalenecarboxylic acid, 2-[[[2-[(3-ethoxypropyl)amino]phenyl]sulfonyl]amino]- (9CI)
 MF C22 H24 N2 O5 S



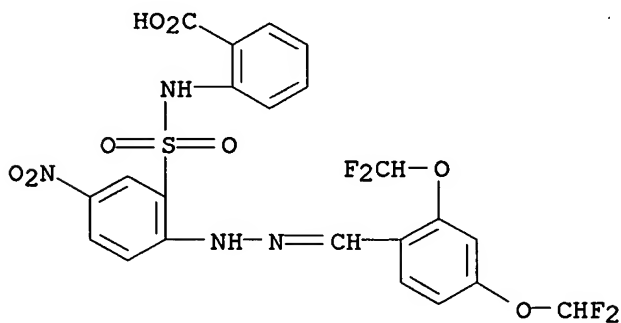
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 2-[[[3-[(methanesulfonyl)amino]phenyl]sulfonyl]amino]- (9CI)
 MF C14 H14 N2 O6 S2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 2-[[[2-[[[2,4-bis(difluoromethoxy)phenyl]methylene]hydrazino]-5-nitrophenyl]sulfonyl]amino]- (9CI)
 MF C22 H16 F4 N4 O8 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> search 15 exact sam
 SAMPLE SEARCH INITIATED 05:59:50 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 3 TO ITERATE

100.0% PROCESSED 3 ITERATIONS
 SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 3 TO 163
PROJECTED ANSWERS: 0 TO 0

L7 0 SEA EXA SAM L5

=> search l5 exact full

FULL SEARCH INITIATED 05:59:57 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 116 TO ITERATE

100.0% PROCESSED 116 ITERATIONS
SEARCH TIME: 00.00.01

1 ANSWERS

L8 1 SEA EXA FUL L5

=> d l8

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN

RN 34837-67-7 REGISTRY

ED Entered STN: 16 Nov 1984

CN Benzoic acid, 2-[(phenylsulfonyl)amino]- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Anthranilic acid, N-(phenylsulfonyl)- (6CI, 7CI)

OTHER NAMES:

CN 2-(Benzenesulfonamido)benzoic acid

CN 2-(Phenylsulfonylamino)benzoic acid

CN N-(o-Carboxyphenyl)benzenesulfonamide

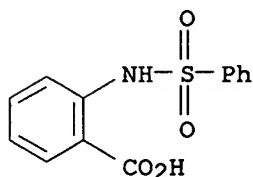
FS 3D CONCORD

MF C13 H11 N O4 S

CI COM

LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, GMELIN*,
RTECS*, TOXCENTER, USPATFULL

(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

31 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

31 REFERENCES IN FILE CAPLUS (1907 TO DATE)

4 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

59.76

156.52

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

0.00

-3.00

FILE 'CAPLUS' ENTERED AT 06:00:21 ON 13 JUN 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 13 Jun 2006 VOL 144 ISS 25
FILE LAST UPDATED: 12 Jun 2006 (20060612/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> l8/prep

31 L8
3481134 PREP/RL
L9 7 L8/PREP
(L8 (L) PREP/RL)

=> d l9 3-7 ti fbib abs

L9 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of sulfonamidoaryl hydroxamic acids as inflammation and tumor inhibitors
AN 1994:54333 CAPLUS
DN 120:54333
TI Preparation of sulfonamidoaryl hydroxamic acids as inflammation and tumor inhibitors
IN Ohtani, Mitsuaki; Arita, Hitoshi; Sugita, Kenji; Matsuura, Takaharu; Shirahase, Kazuhiro
PA Shionogi and Co., Ltd., Japan
SO PCT Int. Appl., 125 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	WO 9312075	A1	19930624	WO 1992-JP1593	19921207
	W: JP, KR, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
				JP 1991-350793	A 19911210
	EP 570594	A1	19931124	EP 1992-924883	19921207
	EP 570594	B1	19970730		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, MC, NL, PT, SE				
				JP 1991-350793	A 19911210
				WO 1992-JP1593	W 19921207
	AT 156116	E	19970815	AT 1992-924883	19921207
				JP 1991-350793	A 19911210
	ES 2107557	T3	19971201	ES 1992-924883	19921207
				JP 1991-350793	A 19911210
	JP 3342485	B2	20021111	JP 1993-510775	19921207

US 5534654

A

19960709

JP 1991-350793

A 19911210

WO 1992-JP1593

W 19921207

US 1993-98272

19930803

JP 1991-350793

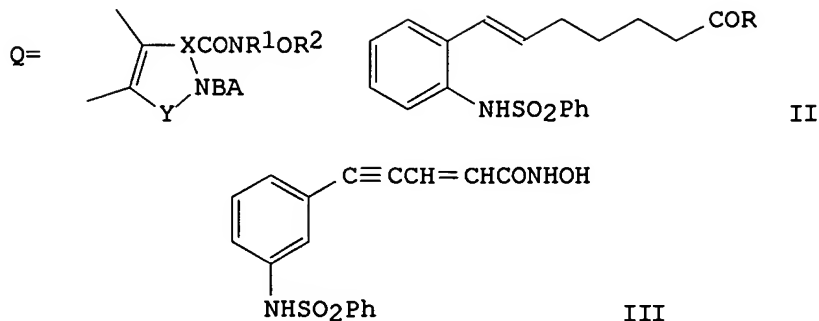
A 19911210

WO 1992-JP1593

W 19921207

OS MARPAT 120:54333

GI



AB The title compds. R2ONR1COXA1YNR3BA2 (I) [A1 = (substituted) aromatic ring, aromatic heterocyclic ring; A2 = H, (substituted) aryl, aromatic heterocyclic ring; B = single bond, B1B2; B1 = CO, SO2; B2 = alkylene, alkenylene, etc.; X = (substituted) alkylene which may have O, S, N and may have unsatd. bond; Y = single bond, heteroatom, (substituted) alkylene which may contain heteroatom and may have unsatd. bond; X and N (which is linked to Y) may together form a moiety Q; R1 - R3 = H, (substituted) alkyl, aryl] were prepared I inhibit hemangioendothelial cell growth, the development of a lymphocyte adhesion factor, and ras gene-induced cell transformation and are useful as inflammation and tumor inhibitors. Condensation of carboxylic acid (E)-II (R = OH) with NH2OH.HCl in DMF containing N-hydroxysuccinimide, N,N-dicyclohexylcarbodiimide, and Et3N gave (E)-II (R = NHOH). Hydroxamic acid (E)-III in vitro exhibited MIC of 0.039 μ M against ras gene-induced cell transformation.

L9 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

TI Synthesis of certain sulfonamides and aminopyranoquinoline derivatives from 4-hydroxyquinoline with biological interest

AN 1992:173980 CAPLUS

DN 116:173980

TI Synthesis of certain sulfonamides and aminopyranoquinoline derivatives from 4-hydroxyquinoline with biological interest

AU Fadda, A. A.; Khalil, A. M.; El-Habbal, M. M.

CS Fac. Sci., Mansoura Univ., Mansoura, Egypt

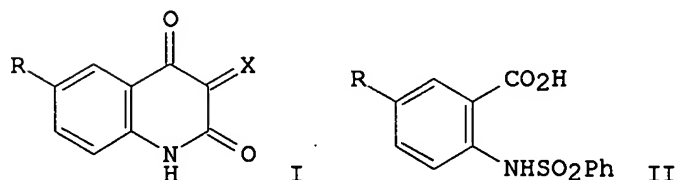
SO Pharmazie (1991), 46(10), 743-4

CODEN: PHARAT; ISSN: 0031-7144

DT Journal

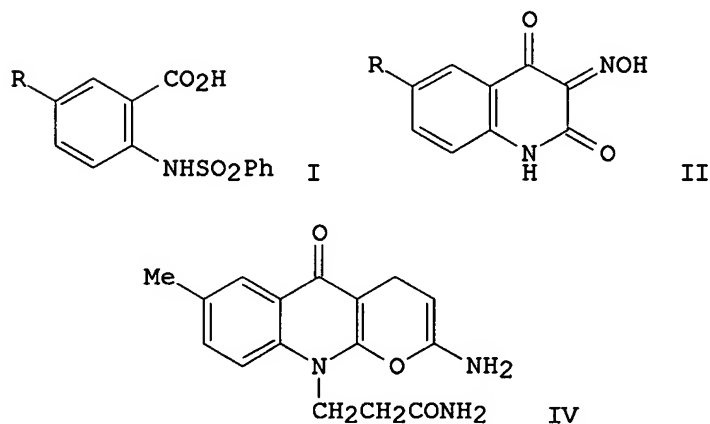
LA English

GI



AB Quinolinediones I (R = H, Me, Br, Cl, X = H₂) reacted with NaNO₂/HCl to give I (X = NOH) which condensed with PhSO₂Cl to give (phenylsulfonylamino)benzoic acids II. II were tested for bactericidal activity and had very promising results.

L9 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Synthesis of certain sulfonamides and aminopyranoquinoline derivatives from 4-hydroxyquinoline with biological interest
 AN 1992:151524 CAPLUS
 DN 116:151524
 TI Synthesis of certain sulfonamides and aminopyranoquinoline derivatives from 4-hydroxyquinoline with biological interest
 AU Fadda, A. A.; Khalil, A. M.; El-Habbal, M. M.
 CS Fac. Sci., Mansoura Univ., Mansoura, Egypt
 SO Journal of the Indian Chemical Society (1991), 68(7), 393-5
 CODEN: JICSAH; ISSN: 0019-4522
 DT Journal
 LA English
 OS CASREACT 116:151524
 GI

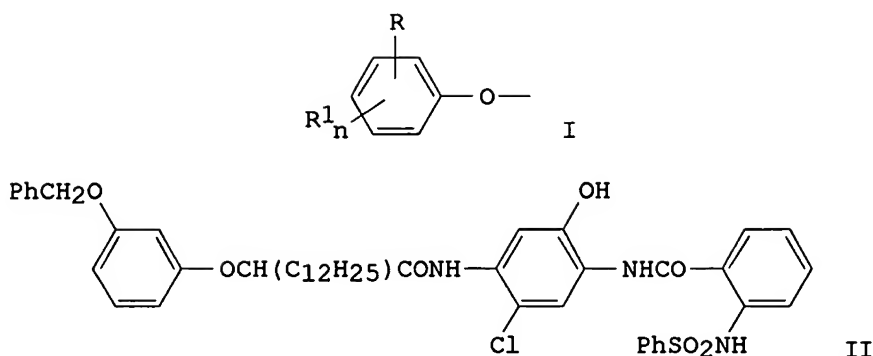


AB Various sulfonamides derivs. I (R = H, Me, Br, Cl) were synthesized by ring opening of 4-hydroxyquinoline monoximes II. I were screened for their antibacterial activity. The reactivity of 6-methyl-4-hydroxyquinoline-2,4-dione (III) towards different activated nitriles has been studied. E.g. III and H₂C:CHCN gave pyranoquinoline IV.

L9 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Phenolic cyan couplers
 AN 1985:70111 CAPLUS
 DN 102:70111
 TI Phenolic cyan couplers
 PA Konishiroku Photo Industry Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 12 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 59162547	A2	19840913	JP 1983-37140	19830307
	JP 04046420	B4	19920729		

GI



AB 2-(2-Sulfonamidobenzamido)-5-acylaminophenol derivative type photog. cyan couplers are claimed in which ≥ 1 of the sulfonamido, benzamido, and the acylamino groups are substituted with ≥ 1 group having a phenoxy group of the formula I (R = alkoxy, acyloxy, halo, OH; R1 = halo, monovalent organic moiety; n = 0-4). The couplers give cyan dye images having excellent lightfastness. Thus, a photog. paper prepared by using the cyan coupler II showed good sensitivity and gave cyan dye images having a high Dmax and an absorption maximum at 652 nm.

L9 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

TI Nitrosophenols and their rearrangement products. VII. Opening of the pyridine ring in hydroxyquinoline series compounds

AN 1972:24862 CAPLUS

DN 76:24862

TI Nitrosophenols and their rearrangement products. VII. Opening of the pyridine ring in hydroxyquinoline series compounds

AU Kost, A. N.; Zukauskaitė, L.; Stankevicius, A.

CS Kaunas, Med. Inst., Kaunas, USSR

SO Khimiya Geterotsiklicheskikh Soedinenii (1971), 7(9), 1214-17

CODEN: KGSSAQ; ISSN: 0132-6244

DT Journal

LA Russian

GI For diagram(s), see printed CA Issue.

AB Treatment of I, II, and III with excess of benzenesulfonyl chloride in boiling acetone containing 10% aqueous NaOH gave IV. V was found in the reaction

mixture from the rearrangement of I (main component) and II. I, II, and III were prepared by nitrosation of 4-hydroxycarbostyryl (VI), 1-methyl-4-hydroxycarbostyryl (VII), and 1-phenyl-4-hydroxycarbostyryl (VIII), resp. VI was prepared by heating a mixture of aniline, malonic acid POC13, and naphthalene. VII and VIII were prepared from N-methylantranilic and N-phenylantranilic acids, resp. Nitrosation of 2-methyl-4-hydroxyquinoline (prepared from aniline and acetoacetic ester), 4-methylcarbostyryl (prepared by acid cyclization of acetoacetanilide), and 3-hydroxy-2-p-bromophenylquinoline (prepared from isatin and acetic acid p-bromophenacyl ester) was also examined but only substrates or resinous products were obtained.

=> d 19 1,2 ti fbib abs

L9 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

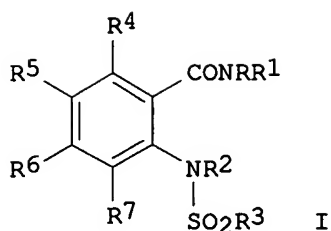
TI Preparation of anthranilic acid amides as antiarrhythmics

AN 2002:849582 CAPLUS

DN 137:352782
 TI Preparation of anthranilic acid amides as antiarrhythmics
 IN Brendel, Joachim; Pirard, Bernard; Peukert, Stefan; Kleemann,
 Heinz-Werner; Hemmerle, Horst
 PA Aventis Pharma Deutschland GmbH, Germany
 SO PCT Int. Appl., 111 pp.
 CODEN: PIXXD2
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002088073	A1	20021107	WO 2002-EP4138	20020413
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	DE 10121003	A1	20021219	DE 2001-10121003	A 20010428
	CA 2445341	AA	20021107	DE 2001-10121003	20010428
				CA 2002-2445341	20020413
				DE 2001-10121003	A 20010428
				WO 2002-EP4138	W 20020413
	EP 1385820	A1	20040204	EP 2002-742898	20020413
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
				DE 2001-10121003	A 20010428
				WO 2002-EP4138	W 20020413
	EE 200300529	A	20040216	EE 2003-529	20020413
				DE 2001-10121003	A 20010428
				WO 2002-EP4138	W 20020413
	BR 2002009185	A	20040803	BR 2002-9185	20020413
				DE 2001-10121003	A 20010428
				WO 2002-EP4138	W 20020413
	CN 1522244	A	20040818	CN 2002-808273	20020413
				DE 2001-10121003	A 20010428
	JP 2004527557	T2	20040909	JP 2002-585377	20020413
				DE 2001-10121003	A 20010428
				WO 2002-EP4138	W 20020413
	NZ 529129	A	20051125	NZ 2002-529129	20020413
				DE 2001-10121003	A 20010428
				WO 2002-EP4138	W 20020413
	US 2003187033	A1	20031002	US 2002-132163	20020426
				DE 2001-10121003	A 20010428
	ZA 2003006991	A	20040831	ZA 2003-6991	20030908
				DE 2001-10121003	A 20010428
	BG 108215	A	20040930	BG 2003-108215	20030930
				DE 2001-10121003	A 20010428
				WO 2002-EP4138	W 20020413
	NO 2003004751	A	20031113	NO 2003-4751	20031023
				DE 2001-10121003	A 20010428
				WO 2002-EP4138	W 20020413

OS MARPAT 137:352782
 GI



AB Title compds. [I; R = H, C1-4 alkyl, CpH2pR14, etc.; p = 0-5; R14 = cycloalkyl(substituted) (hetero)aryl; R1 = (branched) (unsatd.) (substituted) O-interrupted alkyl; R2 = H, C1-4 alkyl; R3 = C3-7 alkyl, C3-7 cycloalkyl, (substituted) naphthyl, Ph; R4-R7 = F, Cl, Br, I, CF3, OCF3, OCHF2, NO2, cyano, CO2Me, CONH2, COMe, OH, C1-4 alkyl, C1-4 alkoxy, N(Me)2, SO2NH2, NHSO2Me], were prepared Thus, 0.6 mmol 2-phenylsulfonylamino-5-chlorobenzoyl chloride (preparation given) was added to a mixture of 0.66 mmol S-(-)-1-methylbenzylamine and 0.9 mmol Et3N in CH2Cl2 followed by stirring over night at room temperature to give 61 mg (S)-2-phenylsulfonylamino-5-chloro-N-(1-phenylethyl)benzamide. I act upon the Kv1.5 potassium channel and inhibit a potassium flow described as ultra-rapidly activating delayed rectifier in the human cardiac atrium. Tested I inhibited human Kv1.5 potassium flow in oocytes of *Xenopus laevis* with IC50 = 0.3->10 μ M. β -Blockers and IKs-channel blockers can be used for the tablet formulation.

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
TI Direct conversion of azides to carbamates and sulfonamides using Fe/NH4Cl: effect of sonication
AN 2000:805844 CAPLUS
DN 134:71142
TI Direct conversion of azides to carbamates and sulfonamides using Fe/NH4Cl: effect of sonication
AU Chandrasekhar, S.; Narsihmulu, Ch.
CS Indian Institute of Chemical Technology, Hyderabad, 500 007, India
SO Tetrahedron Letters (2000), 41(41), 7969-7972
CODEN: TELEAY; ISSN: 0040-4039
PB Elsevier Science Ltd.
DT Journal
LA English
OS CASREACT 134:71142
AB A simple, direct and effective conversion of azides to carbamates and sulfonamides is achieved using Fe/NH4Cl in MeOH. The influence of ultrasonication and direct application in solution-phase combinatorial chemical are also studied by developing a 6+4 matrix library.

RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	30.33	186.85
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-5.25	-8.25

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 06:12:05 ON 13 JUN 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 06:26:43 ON 13 JUN 2006
FILE 'CAPLUS' ENTERED AT 06:26:43 ON 13 JUN 2006
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	30.33	186.85
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-5.25	-8.25

=> d his

(FILE 'HOME' ENTERED AT 05:49:44 ON 13 JUN 2006)

FILE 'REGISTRY' ENTERED AT 05:49:52 ON 13 JUN 2006

L1 STRUCTURE UPLOADED
L2 0 SEARCH L1 EXACT SAM
L3 1 SEARCH L1 EXACT FULL

FILE 'CAPLUS' ENTERED AT 05:50:39 ON 13 JUN 2006

L4 4 L3

FILE 'REGISTRY' ENTERED AT 05:57:56 ON 13 JUN 2006

L5 STRUCTURE UPLOADED
L6 50 SEARCH L5 SSS SAM
L7 0 SEARCH L5 EXACT SAM
L8 1 SEARCH L5 EXACT FULL

FILE 'CAPLUS' ENTERED AT 06:00:21 ON 13 JUN 2006

L9 7 L8/PREP

=> l8/thu

31 L8
783838 THU/RL
L10 1 L8/THU
(L8 (L) THU/RL)

=> d l10

L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1974:499428 CAPLUS
DN 81:99428
TI Antiinflammatory activity of p-substituted N-benzenesulfonyl derivatives
of anthranilic acid
AU Borne, Ronald F.; Peden, Richard L.; Waters, I. W.; Weiner, Myra; Jordan,
Robert; Coats, Eugene A.
CS Sch. Pharm., Univ. Mississippi, University, MS, USA
SO Journal of Pharmaceutical Sciences (1974), 63(4), 615-17

CODEN: JPMSAE; ISSN: 0022-3549
DT Journal
LA English

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	35.72	192.24
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-5.25	-8.25

FILE 'REGISTRY' ENTERED AT 06:29:41 ON 13 JUN 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0
DICTIONARY FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.44	192.68
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-8.25

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 06:29:49 ON 13 JUN 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

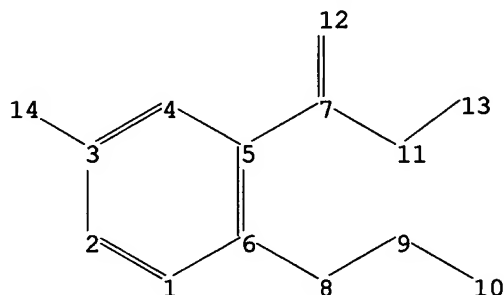
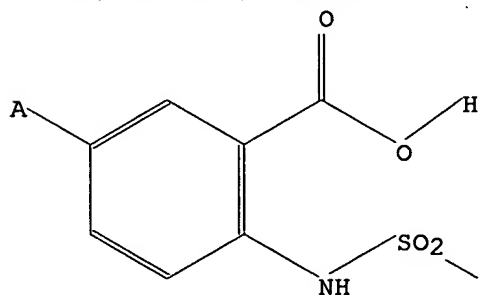
PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'REGISTRY' AT 06:51:05 ON 13 JUN 2006
FILE 'REGISTRY' ENTERED AT 06:51:05 ON 13 JUN 2006
COPYRIGHT (C) 2006 American Chemical Society (ACS)

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.44	192.68
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-8.25

=>

Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary
files\10667358\10667358 clm 3 try 1.str



chain nodes :
7 8 9 10 11 12 13 14
ring nodes :
1 2 3 4 5 6
chain bonds :
3-14 5-7 6-8 7-11 7-12 8-9 9-10 11-13
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
3-14 6-8 8-9
exact bonds :
5-7 9-10 11-13
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-11 7-12

Match level :

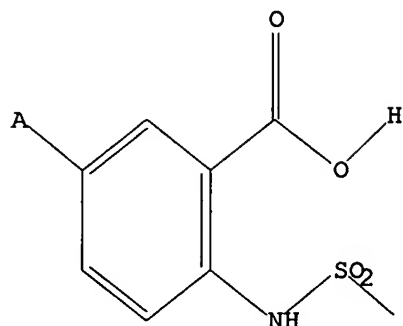
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:Atom
11:CLASS 12:CLASS 13:CLASS 14:CLASS

L11 STRUCTURE UPLOADED

=> d l11

L11 HAS NO ANSWERS

L11 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l11 sss sam

SAMPLE SEARCH INITIATED 06:51:52 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 179 TO ITERATE

100.0% PROCESSED 179 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 2778 TO 4382

PROJECTED ANSWERS: 1 TO 80

L12 1 SEA SSS SAM L11

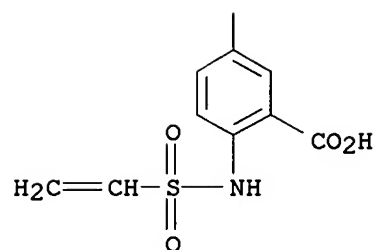
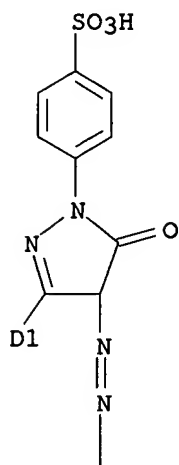
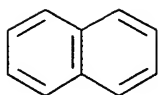
=> d scan

L12 1 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

IN Anthranilic acid, 5-[[3-(naphthyl)-5-oxo-1-(p-sulfophenyl)-2-pyrazolin-4-yl]azo]-N-(vinylsulfonyl)- (7CI)

MF C28 H21 N5 O8 S2

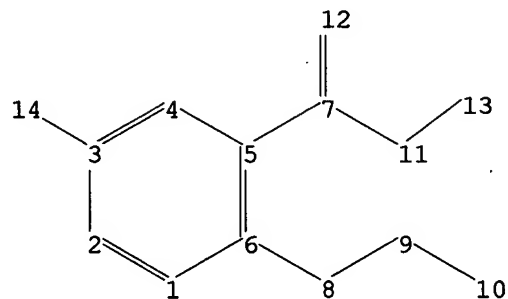
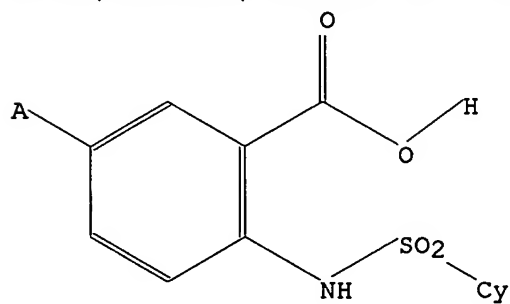
CI IDS



ALL ANSWERS HAVE BEEN SCANNED

=>

Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary files\10667358\10667358 clm 3 try 2.str



chain nodes :

7 8 9 10 11 12 13 14

```

ring nodes :
1  2  3  4  5  6
chain bonds :
3-14  5-7  6-8  7-11  7-12  8-9  9-10  11-13
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6
exact/norm bonds :
3-14  6-8  8-9  9-10
exact bonds :
5-7  11-13
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6  7-11  7-12

```

```

Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:CLASS  8:CLASS  9:CLASS  10:Atom
11:CLASS 12:CLASS 13:CLASS 14:CLASS

```

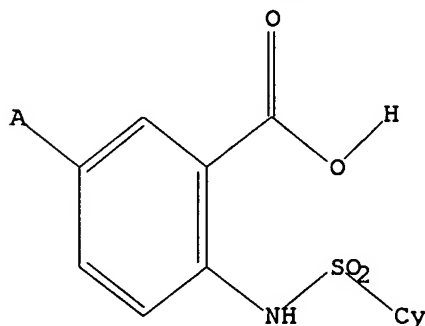
L13 STRUCTURE UPLOADED

=> d l13

L13 HAS NO ANSWERS

L13

STR



Structure attributes must be viewed using STN Express query preparation.

=> search l13 sss sam

SAMPLE SEARCH INITIATED 06:53:44 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 182 TO ITERATE

100.0% PROCESSED 182 ITERATIONS

10 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 2831 TO 4449

PROJECTED ANSWERS: 11 TO 389

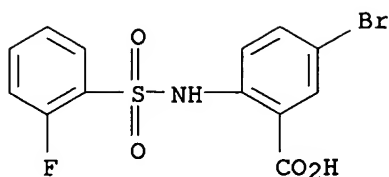
L14 10 SEA SSS SAM L13

=> d scan

L14 10 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

IN Benzoic acid, 5-bromo-2-[(2-fluorophenyl)sulfonyl]amino]- (9CI)

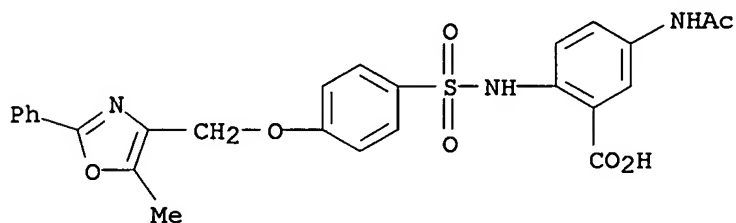
MF C13 H9 Br F N O4 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

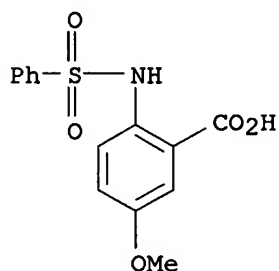
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

L14 10 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 5-(acetylamino)-2-[[[4-[(5-methyl-2-phenyl-4-oxazolyl)methoxy]phenyl]sulfonyl]amino]- (9CI)
 MF C26 H23 N3 O7 S



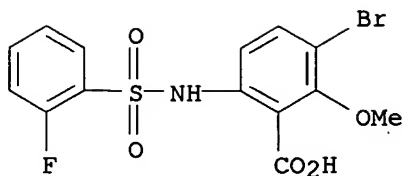
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 10 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 5-methoxy-2-[(phenylsulfonyl)amino]- (9CI)
 MF C14 H13 N O5 S



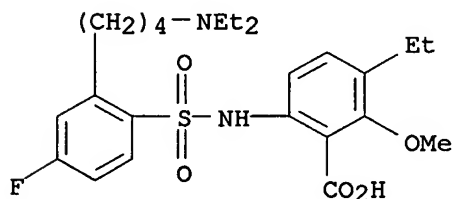
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 10 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 3-bromo-6-[[[2-(2-fluorophenyl)sulfonyl]amino]-2-methoxy- (9CI)
 MF C14 H11 Br F N O5 S



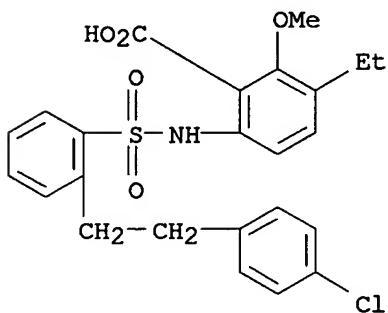
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 10 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 6-[[[2-[4-(diethylamino)butyl]-4-fluorophenyl]sulfonyl]amino]-3-ethyl-2-methoxy- (9CI)
 MF C24 H33 F N2 O5 S



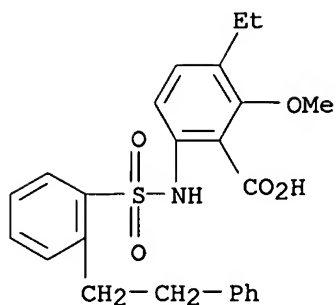
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 10 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 6-[[[2-[2-(4-chlorophenyl)ethyl]phenyl]sulfonyl]amino]-3-ethyl-2-methoxy- (9CI)
 MF C24 H24 Cl N O5 S



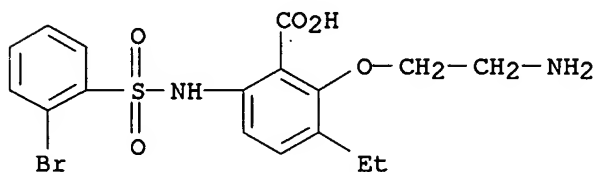
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 10 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 3-ethyl-2-methoxy-6-[[[2-(2-phenylethyl)phenyl]sulfonyl]amino]- (9CI)
 MF C24 H25 N O5 S



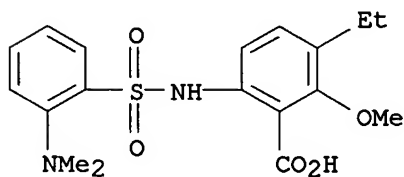
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 10 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 2-((2-aminoethoxy)-6-[[2-(2-bromophenyl)sulfonyl]amino]-3-ethyl-
 (9CI)
 MF C17 H19 Br N2 O5 S



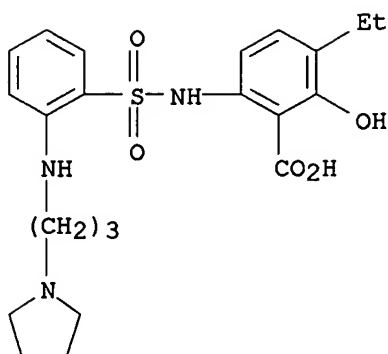
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 10 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 6-[[[2-(dimethylamino)phenyl]sulfonyl]amino]-3-ethyl-2-
 methoxy- (9CI)
 MF C18 H22 N2 O5 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 10 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Benzoic acid, 3-ethyl-2-hydroxy-6-[[[2-[[3-(1-
 pyrrolidinyl)propyl]amino]phenyl]sulfonyl]amino]- (9CI)
 MF C22 H29 N3 O5 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION

FULL ESTIMATED COST

3.96	196.20
------	--------

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION

CA SUBSCRIBER PRICE

0.00	-8.25
------	-------

FILE 'CAPLUS' ENTERED AT 06:56:21 ON 13 JUN 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 13 Jun 2006 VOL 144 ISS 25

FILE LAST UPDATED: 12 Jun 2006 (20060612/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> l14

L15 6 L14

=> d l15 4-6 ti fbib abs

L15 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

TI Preparation of sulfonamides having antiangiogenic and anticancer activity

AN 2004:652631 CAPLUS

DN 141:173970
 TI Preparation of sulfonamides having antiangiogenic and anticancer activity
 IN Comess, Kenneth M.; Erickson, Scott A.; Henkin, Jack; Kalvin, Douglas M.;
 Kawai, Megumi; Kim, Ki H.; Bamaung, Nwe Y.; Park, Chang Hoon; Sheppard,
 George S.; Vasudevan, Anil; Wang, Jieyi; Barnes, David M.; Fidanze, Steve
 D.; Kolaczowski, Lawrence; Mantei, Robert A.; Park, David C.; Sanders,
 William J.; Tedrow, Jason S.; Wang, Gary T.
 PA USA
 SO U.S. Pat. Appl. Publ., 129 pp., Cont.-in-part of U.S. Ser. No. 267,081.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004157836	A1	20040812	US 2003-667358	20030923
				US 2002-267081	A2 20021008
	US 2004068012	A1	20040408	US 2002-267081	20021008
	CA 2501520	AA	20040422	CA 2003-2501520	20031006
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
	WO 2004033419	A1	20040422	WO 2003-US31671	20031006
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
	CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,				
	GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK,				
	LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ,				
	OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,				
	TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,				
	KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,				
	FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,				
	BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
AU	2003279857	A1	20040504	AU 2003-279857	20031006
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
EP	1549613	A1	20050706	EP 2003-773182	20031006
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006

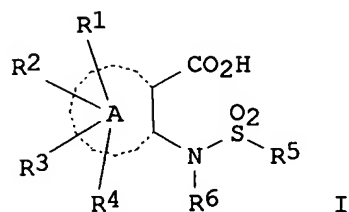
PATENT FAMILY INFORMATION:

FAN 2004:293400

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004068012	A1	20040408	US 2002-267081	20021008
	US 2004157836	A1	20040812	US 2003-667358	20030923
				US 2002-267081	A2 20021008
	CA 2501520	AA	20040422	CA 2003-2501520	20031006
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
	WO 2004033419	A1	20040422	WO 2003-US31671	20031006
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
	CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,				
	GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK,				
	LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ,				
	OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,				
	TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 US 2002-267081 A 20021008
 US 2003-667358 A 20030923
 AU 2003279857 A1 20040504 AU 2003-279857 20031006
 US 2002-267081 A 20021008
 US 2003-667358 A 20030923
 WO 2003-US31671 W 20031006
 EP 1549613 A1 20050706 EP 2003-773182 20031006
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
 US 2002-267081 A 20021008
 US 2003-667358 A 20030923
 WO 2003-US31671 W 20031006
 FAN 2004:333690
 PATENT NO. KIND DATE APPLICATION NO. DATE

 PI WO 2004033419 A1 20040422 WO 2003-US31671 20031006
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 US 2002-267081 A 20021008
 US 2003-667358 A 20030923
 US 2002-267081 20021008
 US 2003-667358 20030923
 US 2002-267081 A2 20021008
 CA 2501520 AA 20040422 CA 2003-2501520 20031006
 US 2002-267081 A 20021008
 US 2003-667358 A 20030923
 WO 2003-US31671 W 20031006
 AU 2003279857 A1 20040504 AU 2003-279857 20031006
 US 2002-267081 A 20021008
 US 2003-667358 A 20030923
 WO 2003-US31671 W 20031006
 EP 1549613 A1 20050706 EP 2003-773182 20031006
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
 US 2002-267081 A 20021008
 US 2003-667358 A 20030923
 WO 2003-US31671 W 20031006
 OS MARPAT 141:173970
 GI



AB The title compds. [I; A = 5-6 membered (non)aromatic ring containing 0-3 atoms selected from N, O, and S (wherein the ring is optionally fused to a second 5-7 membered (non)aromatic ring containing 0-3 atoms selected from N, O, and S); R1-R3 = H, alkenyl, alkoxy, etc.; R4 = H, alkyl, alkoxy, etc.; R5 = alkyl, NH2, aminoalkyl, aryl, etc.; R6 = H, alkyl, aryl, etc.; provided that when A = Ph, at least one of R1-R4 is other than H, alkyl, halo] having methionine aminopeptidase-2 inhibitory (MetAP2) activity, were prepared E.g., a multi-step synthesis of 5-ethyl-2-[(phenylsulfonyl)amino]benzoic acid, starting from 4-ethylaniline, was given. Representative compds. I had IC50's between about 0.005 μ M and >100 μ M against MetAP2. Also described are pharmaceutical compns. comprising the compds. I, methods of treatment using the compds. I, methods of inhibiting angiogenesis, and methods of treating cancer.

L15 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Preparation of sulfonamides having antiangiogenic and anticancer activity
 AN 2004:333690 CAPLUS
 DN 140:357061
 TI Preparation of sulfonamides having antiangiogenic and anticancer activity
 IN Comess, Kenneth M.; Erickson, Scott A.; Henkin, Jack; Kalvin, Douglas M.; Kawai, Megumi; Kim, Ki H.; Bamaung, Nwe Y.; Park, Chan Hoon; Sheppard, George S.; Vasudevan, Anil; Wang, Jieyi; Barnes, David M.; Fidanze, Steve D.; Kolaczowski, Lawrence; Mantei, Robert A.; Park, David C.; Sanders, William J.; Tedrow, Jason S.; Wang, Gary T.
 PA Abbott Laboratories, USA
 SO PCT Int. Appl., 309 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 3

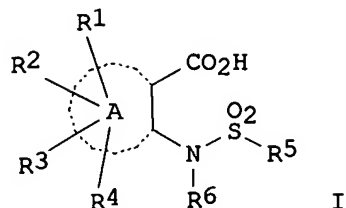
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2004033419	A1	20040422	WO 2003-US31671	20031006
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: KG, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, GH, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
			US 2002-267081	A 20021008
			US 2003-667358	A 20030923
US 2004068012	A1	20040408	US 2002-267081	20021008
US 2004157836	A1	20040812	US 2003-667358	20030923
			US 2002-267081	A2 20021008
CA 2501520	AA	20040422	CA 2003-2501520	20031006
			US 2002-267081	A 20021008
			US 2003-667358	A 20030923
			WO 2003-US31671	W 20031006
AU 2003279857	A1	20040504	AU 2003-279857	20031006
			US 2002-267081	A 20021008
			US 2003-667358	A 20030923
			WO 2003-US31671	W 20031006
EP 1549613	A1	20050706	EP 2003-773182	20031006
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
			US 2002-267081	A 20021008
			US 2003-667358	A 20030923
			WO 2003-US31671	W 20031006

PATENT FAMILY INFORMATION:

FAN	2004:293400				
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004068012	A1	20040408	US 2002-267081	20021008
	US 2004157836	A1	20040812	US 2003-667358	20030923
				US 2002-267081	A2 20021008
	CA 2501520	AA	20040422	CA 2003-2501520	20031006
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
	WO 2004033419	A1	20040422	WO 2003-US31671	20031006
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
	AU 2003279857	A1	20040504	AU 2003-279857	20031006
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
	EP 1549613	A1	20050706	EP 2003-773182	20031006
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
FAN	2004:652631				
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004157836	A1	20040812	US 2003-667358	20030923
				US 2002-267081	A2 20021008
	US 2004068012	A1	20040408	US 2002-267081	20021008
	CA 2501520	AA	20040422	CA 2003-2501520	20031006
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
	WO 2004033419	A1	20040422	WO 2003-US31671	20031006
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
	AU 2003279857	A1	20040504	AU 2003-279857	20031006
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
	EP 1549613	A1	20050706	EP 2003-773182	20031006
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

US 2002-267081 A 20021008
 US 2003-667358 A 20030923
 WO 2003-US31671 W 20031006

OS MARPAT 140:357061
 GI



AB The title compds. [I; A = 5-6 membered (non)aromatic ring containing 0-3 atoms selected from N, O, and S (wherein the ring is optionally fused to a second 5-7 membered (non)aromatic ring containing 0-3 atoms selected from N, O, and S); R1-R3 = H, alkenyl, alkoxy, etc.; R4 = H, alkyl, alkoxy, etc.; R5 = alkyl, NH2, aminoalkyl, aryl, etc.; R6 = H, alkyl, aryl, etc.; provided that when A = Ph, at least one of R1-R4 is other than H, alkyl, halo] having methionine aminopeptidase-2 inhibitory (MetAP2) activity, were prepared E.g., a multi-step synthesis of 5-ethyl-2-[(phenylsulfonyl)amino]benzoic acid, starting from 4-ethylaniline, was given. Representative compds. I had IC50's between about 0.005 μ M and >100 μ M against MetAP2. Also described are pharmaceutical compns. comprising the compds. I, methods of treatment using the compds. I, methods of inhibiting angiogenesis, and methods of treating cancer.

RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Preparation of biaryl phosphate transport inhibitors
 AN 2003:551386 CAPLUS
 DN 139:117209
 TI Preparation of biaryl phosphate transport inhibitors
 IN Jozefiak, Thomas H.; Bastos, Cecilia M.; Papoulis, Andrew T.;
 Holmes-Farley, Stephen Randall
 PA Genzyme Corporation, USA
 SO PCT Int. Appl., 135 pp.
 CODEN: PIXXD2

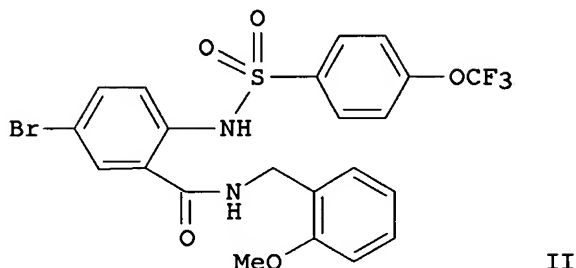
DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003057225	A2	20030717	WO 2002-US41481	20021224
	WO 2003057225	A3	20040408		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
				US 2001-344660P	P 20011226

US 2004019113	A1	20040129	US 2002-371649P	P	20020410
			US 2002-327627		20021220
			US 2001-344660P	P	20011226
AU 2002367396	A1	20030724	US 2002-371649P	P	20020410
			AU 2002-367396		20021224
			US 2001-344660P	P	20011226
			US 2002-371649P	P	20020410
EP 1465638	A2	20041013	WO 2002-US41481	W	20021224
			EP 2002-806234		20021224
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK			US 2001-344660P	P	20011226
			US 2002-371649P	P	20020410
JP 2005514413	T2	20050519	WO 2002-US41481	W	20021224
			JP 2003-557583		20021224
			US 2001-344660P	P	20011226
			US 2002-371649P	P	20020410
			WO 2002-US41481	W	20021224

OS MARPAT 139:117209
GI



AB Disclosed are compds. Ar1-W-X-Y-Ar2 [Ar1-2 = (un)substituted aryl group or 5-6 membered non-aromatic group fused to a (un)substituted monocyclic aryl group; W, Y = covalent bond, alkylene; X = SO₂, SO₂-alkyl, SO₂-amino, etc; I] which are inhibitors of phosphate transport. For instance, 5-bromo-2-[[(4-trifluoromethoxyphenyl)sulfonyl]amino]benzoic acid (preparation given) is converted to the acid chloride (SOCl₂, reflux) and used to acylate 2-methoxybenzyl amine (THF) to give II. Example compds. inhibit phosphate transport in rabbit intestinal brush border membrane vesicles; a select group of example compds. has IC₅₀ = 0-50 μM. I are used to treat a disease associated with hyperphosphatemia, as well as a disease mediated by phosphate-transport function.

=> logoff hold

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
26.82	223.02

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-2.25	-10.50

CA SUBSCRIBER PRICE

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 07:02:46 ON 13 JUN 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS 4	FEB 21	STN AnaVist, Version 1.1, lets you share your STN AnaVist visualization results
NEWS 5	FEB 22	The IPC thesaurus added to additional patent databases on STN
NEWS 6	FEB 22	Updates in EPFULL; IPC 8 enhancements added
NEWS 7	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS 8	MAR 03	Updates in PATDPA; addition of IPC 8 data without attributes
NEWS 9	MAR 22	EMBASE is now updated on a daily basis
NEWS 10	APR 03	New IPC 8 fields and IPC thesaurus added to PATDPAFULL
NEWS 11	APR 03	Bibliographic data updates resume; new IPC 8 fields and IPC thesaurus added in PCTFULL
NEWS 12	APR 04	STN AnaVist \$500 visualization usage credit offered
NEWS 13	APR 12	LINSPEC, learning database for INSPEC, reloaded and enhanced
NEWS 14	APR 12	Improved structure highlighting in FQHIT and QHIT display in MARPAT
NEWS 15	APR 12	Derwent World Patents Index to be reloaded and enhanced during second quarter; strategies may be affected
NEWS 16	MAY 10	CA/CAPLUS enhanced with 1900-1906 U.S. patent records
NEWS 17	MAY 11	KOREAPAT updates resume
NEWS 18	MAY 19	Derwent World Patents Index to be reloaded and enhanced
NEWS 19	MAY 30	IPC 8 Rolled-up Core codes added to CA/CAPLUS and USPATFULL/USPAT2
NEWS 20	MAY 30	The F-Term thesaurus is now available in CA/CAPLUS
NEWS 21	JUN 02	The first reclassification of IPC codes now complete in INPADOC
NEWS EXPRESS		FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005. V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT http://download.cas.org/express/v8.0-Discover/
NEWS HOURS		STN Operating Hours Plus Help Desk Availability
NEWS LOGIN		Welcome Banner and News Items
NEWS IPC8		For general information regarding STN implementation of IPC 8
NEWS X25		X.25 communication option no longer available after June 2006

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:15:14 ON 13 JUN 2006

=> reg

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 10:15:24 ON 13 JUN 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0

DICTIONARY FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> e Benzoic acid, 5-methoxy-2-((phenylsulfonyl)amino)-/cn

E1	1	BENZOIC ACID, 5-METHOXY-2-((PHENYLACETYL)AMINO)-4-((TETRAHYDRO-2H-PYRAN-2-YL)OXY)-, METHYL ESTER/CN
E2	1	BENZOIC ACID, 5-METHOXY-2-((PHENYLMETHYL)AMINO)-/CN
E3	1 -->	BENZOIC ACID, 5-METHOXY-2-((PHENYLSULFONYL)AMINO)-/CN
E4	1	BENZOIC ACID, 5-METHOXY-2-((PIPERIDINOCARBONYL)METHOXY)-, METHYL ESTER/CN
E5	1	BENZOIC ACID, 5-METHOXY-2-((TETRAHYDRO-2-OXO-3-FURANYL)AMINO)-/CN
E6	1	BENZOIC ACID, 5-METHOXY-2-((TETRAHYDRO-2-OXO-3-FURANYL)OXY)-/CN
E7	1	BENZOIC ACID, 5-METHOXY-2-((TRIFLUOROACETYL)AMINO)-, METHYL-D3 ESTER/CN

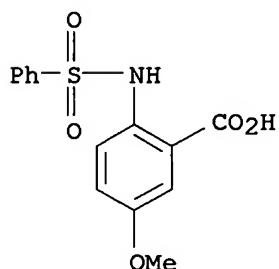
E8 1 BENZOIC ACID, 5-METHOXY-2-((TRIMETHYLSILYL)ETHYNYL)-, METHYL
ESTER/CN
E9 1 BENZOIC ACID, 5-METHOXY-2-((TRIMETHYLSILYL)OXY)-, TRIMETHYLS
ILYL ESTER/CN
E10 1 BENZOIC ACID, 5-METHOXY-2-(1,3,5-TRIMETHYL-1H-PYRAZOL-4-YL)-
/CN
E11 1 BENZOIC ACID, 5-METHOXY-2-(1-(1-NAPHTHALENYL)ETHYL)-/CN
E12 1 BENZOIC ACID, 5-METHOXY-2-(1-METHYLETHOXY)-/CN

=> e3

L1 1 "BENZOIC ACID, 5-METHOXY-2-((PHENYLSULFONYL)AMINO)-"/CN

=> d 11

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
RN 795316-00-6 REGISTRY
ED Entered STN: 09 Dec 2004
CN Benzoic acid, 5-methoxy-2-[(phenylsulfonyl)amino]- (9CI) (CA
INDEX NAME)
FS 3D CONCORD
MF C14 H13 N O5 S
SR CA
LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
7.10	7.31

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 10:16:17 ON 13 JUN 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is

strictly prohibited.

FILE COVERS 1907 - 13 Jun 2006 VOL 144 ISS 25
FILE LAST UPDATED: 12 Jun 2006 (20060612/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> l1

L2 1 L1

=> d l2 ti fbib abs

L2 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
TI Microwave-induced rapid access to aromatic and heteroaromatic sulfonamides
under solvent-free conditions without using external base
AN 2004:822303 CAPLUS
DN 141:424011
TI Microwave-induced rapid access to aromatic and heteroaromatic sulfonamides
under solvent-free conditions without using external base
AU Sharma, Ashwani Kumar; Das, Saibal Kumar
CS Discovery Chemistry, Discovery Research, Dr. Reddy's Laboratories Ltd.,
Hyderabad, 500049, India
SO Synthetic Communications (2004), 34(20), 3807-3819
CODEN: SYNCAV; ISSN: 0039-7911
PB Taylor & Francis, Inc.
DT Journal
LA English
OS CASREACT 141:424011
AB Microwave-induced syntheses of sulfonamides, without using base under
solvent-free conditions, were developed. The process finds its utility
because of its simple operational procedure and high yields. Moreover,
the process is fast and accommodative to different substituents on aromatic
as well as heteroarom. rings rendering sulfonamides (28 examples).
RE.CNT 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	3.66	10.97
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.75	-0.75

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 10:17:13 ON 13 JUN 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *

SESSION RESUMED IN FILE 'CAPLUS' AT 10:24:44 ON 13 JUN 2006
FILE 'CAPLUS' ENTERED AT 10:24:44 ON 13 JUN 2006
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.66	10.97

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.75	-0.75

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.66	10.97

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.75	-0.75

FILE 'REGISTRY' ENTERED AT 10:24:54 ON 13 JUN 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0
DICTIONARY FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> e 1-Naphthalenecarboxylic acid, 2-((1-naphthalenylsulfonyl)amino)-/cn

E1	1	1-NAPHTHALENECARBOXYLIC ACID, 2-((1-METHYLETHYL) PHENYLAMINO) -2-OXOETHYL ESTER/CN
E2	1	1-NAPHTHALENECARBOXYLIC ACID, 2-((1-NAPHTHALENYLCARBONYL) AMI NO) PHENYL ESTER/CN

E3 1 --> 1-NAPHTHALENECARBOXYLIC ACID, 2-((1-NAPHTHALENYLSULFONYL)AMINO)-/CN
 E4 1 1-NAPHTHALENECARBOXYLIC ACID, 2-((1-OXO-2-PROPENYL)OXY)-/CN
 E5 1 1-NAPHTHALENECARBOXYLIC ACID, 2-((1-OXO-2-PROPENYL)OXY)-, POLYMER WITH 2-PROPENOIC ACID/CN
 E6 1 1-NAPHTHALENECARBOXYLIC ACID, 2-((1-OXO-2-PROPENYL)OXY)ETHYL ESTER/CN
 E7 1 1-NAPHTHALENECARBOXYLIC ACID, 2-((1-OXO-2-PROPENYL)OXY)ETHYL ESTER, POLYMER WITH 2-(2-CHLOROPHENYL)-1-(METHYLTHIO)-4-OXO-3-AZETIDINYL 2-PROPENOATE AND ETHYL 2-PROPENOATE/CN
 E8 1 1-NAPHTHALENECARBOXYLIC ACID, 2-((1-OXO-2-PROPENYL)OXY)ETHYL ESTER, POLYMER WITH ETHYL 2-PROPENOATE/CN
 E9 1 1-NAPHTHALENECARBOXYLIC ACID, 2-((1-OXOOCTYL)OXY)-1-((1-OXOOCTYL)OXY)METHYL)ETHYL ESTER/CN
 E10 1 1-NAPHTHALENECARBOXYLIC ACID, 2-((1-OXOPROPYL)AMINO)PHENYL ESTER/CN
 E11 1 1-NAPHTHALENECARBOXYLIC ACID, 2-((1E,4S,5E)-4-(((1,1-DIMETHYLETHYL)DIMETHYLSILYL)OXY)-6-((1S,4R,6S)-3-(((1,1-DIMETHYLETHYL)DIPHENYLSILYL)OXY)METHYL)-6-HYDROXY-6-(METHOXYCARBONYL)-4-METHYL-2-CYCLOHEXENE/CN
 E12 2 1-NAPHTHALENECARBOXYLIC ACID, 2-((1E,4S,5E)-4-(((1,1-DIMETHYLETHYL)DIMETHYLSILYL)OXY)-6-((5S,6S,9R)-8-(((1,1-DIMETHYLETHYL)DIPHENYLSILYL)OXY)METHYL)-4-HYDROXY-9-METHYL-2-OXO-1-OXASPIRO(4.5)DECA-3,7-D/CN

=> e3

L3 1 "1-NAPHTHALENECARBOXYLIC ACID, 2-((1-NAPHTHALENYLSULFONYL)AMINO)-"/CN

=> d 13

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN

RN 677290-82-3 REGISTRY

ED Entered STN: 28 Apr 2004

CN **1-Naphthalenecarboxylic acid, 2-[(1-naphthalenylsulfonyl)amino]-**
(9CI) (CA INDEX NAME)

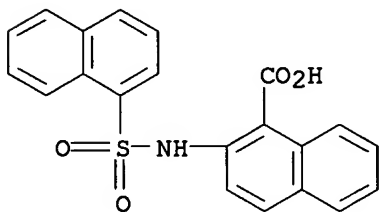
OTHER NAMES:

CN 2-[(1-Naphthylsulfonyl)amino]-1-naphthoic acid

MF C21 H15 N O4 S

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

4 REFERENCES IN FILE CA (1907 TO DATE)

4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE
ENTRY

TOTAL
SESSION

FULL ESTIMATED COST	7.10	18.07
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-0.75

FILE 'CAPLUS' ENTERED AT 10:25:26 ON 13 JUN 2006
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 13 Jun 2006 VOL 144 ISS 25
 FILE LAST UPDATED: 12 Jun 2006 (20060612/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> 13

L4 4 L3

=> d l4 1-4 ti

L4 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Preparation of sulfonamides having antiangiogenic and anticancer activity

L4 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Preparation of sulfonamides having antiangiogenic and anticancer activity

L4 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Preparation of sulfonamides having antiangiogenic and anticancer activity

L4 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Sulfonamides having antiangiogenic and anticancer activity

=> file reg

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	1.78	19.85
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-0.75

FILE 'REGISTRY' ENTERED AT 10:25:58 ON 13 JUN 2006
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file

provided by InfoChem.

STRUCTURE FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0
DICTIONARY FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

```
*****
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*
*****
```

Structure search iteration limits have been increased. See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

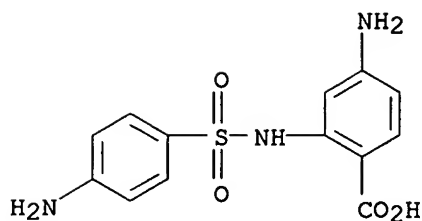
```
=> e Benzoic acid, 4-amino-2-sulfanilamido-/cn
E1          1      BENZOIC ACID, 4-AMINO-2-SULFAMOYL-, SEC-BUTYL ESTER/CN
E2          1      BENZOIC ACID, 4-AMINO-2-SULFAMOYL-, TERT-BUTYL ESTER/CN
E3          1 --> BENZOIC ACID, 4-AMINO-2-SULFANILAMIDO-/CN
E4          1      BENZOIC ACID, 4-AMINO-2-SULFO-/CN
E5          1      BENZOIC ACID, 4-AMINO-2-SULFO-, 1-ISOPROPYL ESTER, HYDRAZIDE
              /CN
E6          1      BENZOIC ACID, 4-AMINO-2-SULFO-, DISODIUM SALT/CN
E7          1      BENZOIC ACID, 4-AMINO-2-SULFO-, POLYMERS/CN
E8          1      BENZOIC ACID, 4-AMINO-3,5-BIS(1,1-DIMETHYLETHYL)-, ETHYL EST
              ER, ION(1-)/CN
E9          1      BENZOIC ACID, 4-AMINO-3,5-BIS(1-METHYLETHYL)-, METHYL ESTER/
              CN
E10         1      BENZOIC ACID, 4-AMINO-3,5-BIS(CHLOROMERCURI)-, ETHYL ESTER/C
              N
E11         1      BENZOIC ACID, 4-AMINO-3,5-BIS(PROPYLTHIO)-/CN
E12         1      BENZOIC ACID, 4-AMINO-3,5-BIS(TRIFLUOROMETHYL)-/CN
```

=> e3

L5 1 "BENZOIC ACID, 4-AMINO-2-SULFANILAMIDO-"/CN

=> d 15

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
RN 860694-75-3 REGISTRY
ED Entered STN: 18 Aug 2005
CN Benzoic acid, 4-amino-2-sulfanilamido- (5CI) (CA INDEX NAME)
FS 3D CONCORD
MF C13 H13 N3 O4 S
SR CAS EARLY REGISTRATIONS
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION

FULL ESTIMATED COST

7.10	26.95
------	-------

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION

CA SUBSCRIBER PRICE

0.00	-0.75
------	-------

FILE 'CAPLUS' ENTERED AT 10:26:41 ON 13 JUN 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 13 Jun 2006 VOL 144 ISS 25

FILE LAST UPDATED: 12 Jun 2006 (20060612/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> 15

L6 1 L5

=> d 16

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1953:48325 CAPLUS

DN 47:48325

OREF 47:8174b-c

TI Derivatives of p-aminobenzoic acid and their action on the growth of bacteria

AU Sirks, J. L.

CS Univ. Groningen, Neth.
SO Antonie van Leeuwenhoek (1953), 19, 166-70
CODEN: ALJMAO; ISSN: 0003-6072
DT Journal
LA English

=> d 16 ti fbib abs

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
TI Derivatives of p-aminobenzoic acid and their action on the growth of
bacteria
AN 1953:48325 CAPLUS
DN 47:48325
OREF 47:8174b-c
TI Derivatives of p-aminobenzoic acid and their action on the growth of
bacteria
AU Sirks, J. L.
CS Univ. Groningen, Neth.
SO Antonie van Leeuwenhoek (1953), 19, 166-70
CODEN: ALJMAO; ISSN: 0003-6072
DT Journal
LA English
AB cf. C.A. 42, 3026f. Various derivs. of p-aminobenzoic acid (I) were
examined for their action on the growth of Aerobacter aerogenes in a simple
synthetic medium and of pneumococci in ascites broth without peptone. The
2-amino, 3-amino, 3-chloro, 3-bromo, 2-methyl, 3-methyl, and 2,3-dimethyl
derivs., and also 2-sulfanilamido-4-aminobenzoic acid have sulfonamide
(II) activity. The 2-hydroxy, 2-fluoro, and 2-nitro derivs. have weak I
activity. The 3-hydroxy, 2-chloro, and 2-bromo derivs. show II activity
in high concentration and anti-II activity in lower concns. The 3-nitro,
2,6-dimethyl, and 3,5-dimethyl derivs. and methyl 2-acetamino-4-
aminobenzoate are inactive.

=> file reg

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	6.64	33.59
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.75	-1.50

FILE 'REGISTRY' ENTERED AT 10:30:25 ON 13 JUN 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0
DICTIONARY FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

*
 * The CA roles and document type information have been removed from *
 * the IDE default display format and the ED field has been added, *
 * effective March 20, 2005. A new display format, IDERL, is now *
 * available and contains the CA role and document type information. *
 *

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> e 1-Naphthalenecarboxylic acid, 2-(((2-((1-methylpropyl)amino)phenyl)sulfonyl)amino)-/cn

E1	1	1-NAPHTHALENECARBOXYLIC ACID, 2-(((2-((1-ETHYLPROPYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN
E2	1	1-NAPHTHALENECARBOXYLIC ACID, 2-(((2-((1-METHYLBUTYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN
E3	0 -->	1-NAPHTHALENECARBOXYLIC ACID, 2-(((2-((1-METHYLPROPYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN
E4	1	1-NAPHTHALENECARBOXYLIC ACID, 2-(((2-((1-METHYLPROPYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN
E5	1	1-NAPHTHALENECARBOXYLIC ACID, 2-(((2-((1E)-3-(DIETHYLAMINO)-1-PROPENYL)PHENYL)SULFONYL)AMINO)-5,6,7,8-TETRAHYDRO-/CN
E6	1	1-NAPHTHALENECARBOXYLIC ACID, 2-(((2-((1E)-3-(DIETHYLAMINO)-1-PROPENYL)PHENYL)SULFONYL)AMINO)-5,6,7,8-TETRAHYDRO-, METHYL ESTER/CN
E7	1	1-NAPHTHALENECARBOXYLIC ACID, 2-(((2-((1E)-4-(DIETHYLAMINO)-1-BUTENYL)PHENYL)SULFONYL)AMINO)-5,6,7,8-TETRAHYDRO-/CN
E8	1	1-NAPHTHALENECARBOXYLIC ACID, 2-(((2-((1E)-4-(DIETHYLAMINO)-1-BUTENYL)PHENYL)SULFONYL)AMINO)-5,6,7,8-TETRAHYDRO-, METHYL ESTER/CN
E9	1	1-NAPHTHALENECARBOXYLIC ACID, 2-(((2-((1E)-5-(DIETHYLAMINO)-1-PENTENYL)PHENYL)SULFONYL)AMINO)-5,6,7,8-TETRAHYDRO-/CN
E10	1	1-NAPHTHALENECARBOXYLIC ACID, 2-(((2-((1E)-5-(DIETHYLAMINO)-1-PENTENYL)PHENYL)SULFONYL)AMINO)-5,6,7,8-TETRAHYDRO-, METHYL ESTER/CN
E11	1	1-NAPHTHALENECARBOXYLIC ACID, 2-(((2-((1Z)-3-(DIETHYLAMINO)-1-PROPENYL)PHENYL)SULFONYL)AMINO)-5,6,7,8-TETRAHYDRO-/CN
E12	1	1-NAPHTHALENECARBOXYLIC ACID, 2-(((2-((1Z)-3-(DIETHYLAMINO)-1-PROPENYL)PHENYL)SULFONYL)AMINO)-5,6,7,8-TETRAHYDRO-, METHYL ESTER/CN

=> e2

L7 1 "1-NAPHTHALENECARBOXYLIC ACID, 2-(((2-((1-METHYLBUTYL)AMINO)PHENYL)SULFONYL)AMINO)-"/CN

=> d 17

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN

RN 681241-61-2 REGISTRY

ED Entered STN: 12 May 2004

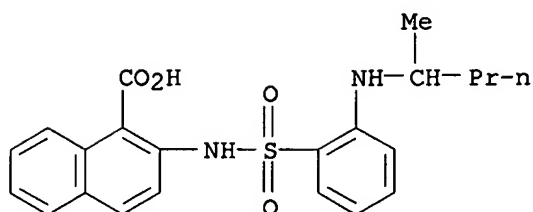
CN 1-Naphthalenecarboxylic acid, 2-[[[2-[(1-methylbutyl)amino]phenyl]sulfonyl]amino]- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 2-[[[2-[(1-Methylbutyl)amino]phenyl]sulfonyl]amino]-1-naphthoic acid

MF C22 H24 N2 O4 S

SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION

FULL ESTIMATED COST

7.54	41.13
------	-------

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION

CA SUBSCRIBER PRICE

0.00	-1.50
------	-------

FILE 'CAPLUS' ENTERED AT 10:31:22 ON 13 JUN 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 13 Jun 2006 VOL 144 ISS 25

FILE LAST UPDATED: 12 Jun 2006 (20060612/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> 17

L8 3 L7

=> d 18 1-3

L8 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2004:701804 CAPLUS

DN 141:173972

TI Preparation of sulfonamides having antiangiogenic and anticancer activity

IN Comess, Kenneth M.; Erickson, Scott A.; Henkin, Jack; Kalvin, Douglas M.;

Kawai, Megumi; Kim, Ki H.; Bamaung, Nwe Y.; Park, Chang Hoon; Sheppard, George S.; Vasudevan, Anil; Wang, Jieyi; Barnes, David M.; Fidanze, Steve D.; Kolaczowski, Lawrence; Mantei, Robert A.; Park, David C.; Sanders, William J.; Tedrow, Jason S.; Wang, Gary T.

PA USA

SO U.S. Pat. Appl. Publ., 127 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004167128	A1	20040826	US 2003-681784	20031008
PRAI	US 2002-416793P	P	20021008		
OS	MARPAT 141:173972				

L8 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2004:652631 CAPLUS

DN 141:173970

TI Preparation of sulfonamides having antiangiogenic and anticancer activity
IN Comess, Kenneth M.; Erickson, Scott A.; Henkin, Jack; Calvin, Douglas M.; Kawai, Megumi; Kim, Ki H.; Bamaung, Nwe Y.; Park, Chang Hoon; Sheppard, George S.; Vasudevan, Anil; Wang, Jieyi; Barnes, David M.; Fidanze, Steve D.; Kolaczowski, Lawrence; Mantei, Robert A.; Park, David C.; Sanders, William J.; Tedrow, Jason S.; Wang, Gary T.

PA USA

SO U.S. Pat. Appl. Publ., 129 pp., Cont.-in-part of U.S. Ser. No. 267,081.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004157836	A1	20040812	US 2003-667358	20030923
	US 2004068012	A1	20040408	US 2002-267081	20021008
	CA 2501520	AA	20040422	CA 2003-2501520	20031006
	WO 2004033419	A1	20040422	WO 2003-US31671	20031006
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2003279857	A1	20040504	AU 2003-279857	20031006
	EP 1549613	A1	20050706	EP 2003-773182	20031006
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRAI	US 2002-267081	A2	20021008		
	US 2003-667358	A	20030923		
	WO 2003-US31671	W	20031006		
OS	MARPAT 141:173970				

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2004:333690 CAPLUS

DN 140:357061

TI Preparation of sulfonamides having antiangiogenic and anticancer activity
IN Comess, Kenneth M.; Erickson, Scott A.; Henkin, Jack; Calvin, Douglas M.; Kawai, Megumi; Kim, Ki H.; Bamaung, Nwe Y.; Park, Chan Hoon; Sheppard, George S.; Vasudevan, Anil; Wang, Jieyi; Barnes, David M.; Fidanze, Steve

D.; Kolaczowski, Lawrence; Mantei, Robert A.; Park, David C.; Sanders, William J.; Tedrow, Jason S.; Wang, Gary T.
 PA Abbott Laboratories, USA
 SO PCT Int. Appl., 309 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004033419	A1	20040422	WO 2003-US31671	20031006
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2004068012	A1	20040408	US 2002-267081	20021008
	US 2004157836	A1	20040812	US 2003-667358	20030923
	CA 2501520	AA	20040422	CA 2003-2501520	20031006
	AU 2003279857	A1	20040504	AU 2003-279857	20031006
	EP 1549613	A1	20050706	EP 2003-773182	20031006
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRAI	US 2002-267081	A	20021008		
	US 2003-667358	A	20030923		
	WO 2003-US31671	W	20031006		

OS MARPAT 140:357061

RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.88	45.01
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.50

FILE 'REGISTRY' ENTERED AT 10:32:04 ON 13 JUN 2006
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0
 DICTIONARY FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

```

*****
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*
*****

```

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> e Benzoic acid, 6-(((2-(dimethylamino)phenyl)sulfonyl)amino)-3-ethyl-2-methoxy-/cn

E1	1	BENZOIC ACID, 6-(((2-(6-ACETYL-1,3-BENZODIOXOL-5-YL)ETHYL)AMINO)CARBONYL)-2,3-DIMETHOXY-, ETHYL ESTER/CN
E2	1	BENZOIC ACID, 6-(((2-(6-FORMYL-1,3-BENZODIOXOL-5-YL)ETHYL)AMINO)CARBONYL)-2,3-DIMETHOXY-, ETHYL ESTER/CN
E3	0 -->	BENZOIC ACID, 6-(((2-(DIMETHYLAMINO)PHENYL)SULFONYL)AMINO)-3-ETHYL-2-METHOXY-/CN
E4	1	BENZOIC ACID, 6-(((2-(DIMETHYLAMINO)PHENYL)SULFONYL)AMINO)-3-ETHYL-2-METHOXY-/CN
E5	1	BENZOIC ACID, 6-(((2-BROMO-4-FLUOROPHENYL)SULFONYL)AMINO)-2-(2-(1,3-DIHYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL)ETHOXY)-3-ETHYL-, METHYL ESTER/CN
E6	1	BENZOIC ACID, 6-(((2-BROMO-4-FLUOROPHENYL)SULFONYL)AMINO)-2-(3-(1,3-DIHYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL)PROPOXY)-3-ETHYL-, METHYL ESTER/CN
E7	1	BENZOIC ACID, 6-(((2-BROMO-4-FLUOROPHENYL)SULFONYL)AMINO)-3-ETHYL-2-METHOXY-, METHYL ESTER/CN
E8	1	BENZOIC ACID, 6-(((2-BROMOBENZOYL)HYDRAZONO)METHYL)-2,3-DIMETHOXY-/CN
E9	1	BENZOIC ACID, 6-(((2-BROMOPHENYL)SULFONYL)AMINO)-2-(2-(1,3-DIHYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL)ETHOXY)-3-ETHYL-, METHYL ESTER/CN
E10	1	BENZOIC ACID, 6-(((2-BROMOPHENYL)SULFONYL)AMINO)-3-ETHYL-2-METHOXY-, METHYL ESTER/CN
E11	1	BENZOIC ACID, 6-(((2-CARBOXYPHENYL)AMINO)METHYL)-2,3-DIMETHOXY-, 1-METHYL ESTER/CN
E12	1	BENZOIC ACID, 6-(((2-CARBOXYPHENYL)METHYL)AMINO)-2,3-DIMETHOXY-/CN

=> e4

L9 1 "BENZOIC ACID, 6-(((2-(DIMETHYLAMINO)PHENYL)SULFONYL)AMINO)-3-ETHYL-2-METHOXY-/CN"

=> d 19

L9 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN

RN 681244-89-3 REGISTRY

ED Entered STN: 12 May 2004

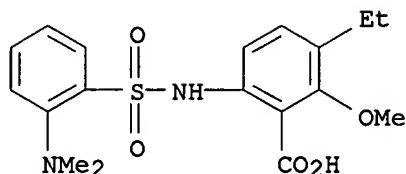
CN Benzoic acid, 6-[[[2-(dimethylamino)phenyl]sulfonyl]amino]-3-ethyl-2-methoxy- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 6-[[[2-(Dimethylamino)phenyl]sulfonyl]amino]-3-ethyl-2-methoxybenzoic acid

FS 3D CONCORD

MF C18 H22 N2 O5 S
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	7.10	52.11
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.50

FILE 'CAPLUS' ENTERED AT 10:32:40 ON 13 JUN 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 13 Jun 2006 VOL 144 ISS 25
FILE LAST UPDATED: 12 Jun 2006 (20060612/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> 19

L10 3 L9

=> d l10 1-3 ti

L10 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of sulfonamides having antiangiogenic and anticancer activity

L10 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of sulfonamides having antiangiogenic and anticancer activity

L10 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of sulfonamides having antiangiogenic and anticancer activity

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.45	53.56

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.50

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 10:33:15 ON 13 JUN 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 10:54:58 ON 13 JUN 2006
FILE 'CAPLUS' ENTERED AT 10:54:58 ON 13 JUN 2006
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.45	53.56

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.50

=> d l6 1 ti fbib abs it

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
TI Derivatives of p-aminobenzoic acid and their action on the growth of bacteria
AN 1953:48325 CAPLUS
DN 47:48325
OREF 47:8174b-c
TI Derivatives of p-aminobenzoic acid and their action on the growth of bacteria
AU Sirks, J. L.
CS Univ. Groningen, Neth.
SO Antonie van Leeuwenhoek (1953), 19, 166-70
CODEN: ALJMAO; ISSN: 0003-6072
DT Journal
LA English
AB cf. C.A. 42, 3026f. Various derivs. of p-aminobenzoic acid (I) were examined for their action on the growth of Aerobacter aerogenes in a simple synthetic medium and of pneumococci in ascites broth without peptone. The 2-amino, 3-amino, 3-chloro, 3-bromo, 2-methyl, 3-methyl, and 2,3-dimethyl derivs., and also 2-sulfanilamido-4-aminobenzoic acid have sulfonamide (II) activity. The 2-hydroxy, 2-fluoro, and 2-nitro derivs. have weak I activity. The 3-hydroxy, 2-chloro, and 2-bromo derivs. show II activity

in high concentration and anti-II activity in lower concns. The 3-nitro, 2,6-dimethyl, and 3,5-dimethyl derivs. and methyl 2-acetamido-4-aminobenzoate are inactive.

IT Aerobacter aerogenes
(4-aminobenzoic acid derivative effect on)
IT Bacteria
(effect of p-aminobenzoic acid derivs. on)
IT Pneumococcus
(p-aminobenzoic acid derivative effect on)
IT 150-13-0, Benzoic acid, p-amino-
(derivs., effect on bacterial growth)
IT 446-31-1, Benzoic acid, 4-amino-2-fluoro- 610-36-6, Benzoic acid,
4-amino-2-nitro- 611-03-0, Benzoic acid, 2,4-diamino- 619-05-6,
Benzoic acid, 3,4-diamino- 1588-83-6, Benzoic acid, 4-amino-3-nitro-
2122-63-6, Benzoic acid, 4-amino-3-iodo- 2374-03-0, Benzoic acid,
4-amino-3-hydroxy- 2457-76-3, Benzoic acid, 4-amino-2-chloro-
2486-52-4, Benzoic acid, 4-amino-2-bromo- 2486-70-6, m-Toluic acid,
4-amino- 2486-71-7, Benzoic acid, 4-amino-3-chloro- 2486-75-1,
o-Toluic acid, 4-amino- 4919-40-8, Benzoic acid, 4-amino-3,5-dimethyl-
5628-44-4, Benzoic acid, 4-amino-2,3-dimethyl- 6311-37-1, Benzoic acid,
4-amino-3-bromo- 16752-16-2, Benzoic acid, 4-amino-2,6-dimethyl-
66095-76-9, Benzoic acid, 2-acetamido-4-amino-, methyl ester
860694-75-3, Benzoic acid, 4-amino-2-sulfanilamido-
(effect on bacterial growth)

=> 860694-75-3

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L12 1 L11

=> displ hitstr l12 1

MISSING OPERATOR HITSTR L12

The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

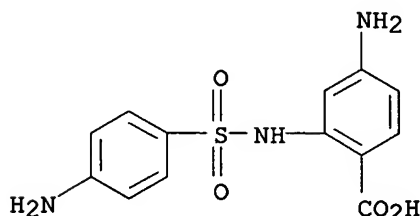
=> display hitstr l12 1

L12 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN

IT 860694-75-3, Benzoic acid, 4-amino-2-sulfanilamido-
(effect on bacterial growth)

RN 860694-75-3 CAPLUS

CN Benzoic acid, 4-amino-2-sulfanilamido- (5CI) (CA INDEX NAME)



=> logoff hold

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

5.70

63.23

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

0.00

-2.25

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 10:57:04 ON 13 JUN 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 JAN 17 Pre-1988 INPI data added to MARPAT
NEWS 4 FEB 21 STN AnaVist, Version 1.1, lets you share your STN AnaVist
visualization results
NEWS 5 FEB 22 The IPC thesaurus added to additional patent databases on STN
NEWS 6 FEB 22 Updates in EPFULL; IPC 8 enhancements added
NEWS 7 FEB 27 New STN AnaVist pricing effective March 1, 2006
NEWS 8 MAR 03 Updates in PATDPA; addition of IPC 8 data without attributes
NEWS 9 MAR 22 EMBASE is now updated on a daily basis
NEWS 10 APR 03 New IPC 8 fields and IPC thesaurus added to PATDPAFULL
NEWS 11 APR 03 Bibliographic data updates resume; new IPC 8 fields and IPC
thesaurus added in PCTFULL
NEWS 12 APR 04 STN AnaVist \$500 visualization usage credit offered
NEWS 13 APR 12 LINSPEC, learning database for INSPEC, reloaded and enhanced
NEWS 14 APR 12 Improved structure highlighting in FQHIT and QHIT display
in MARPAT
NEWS 15 APR 12 Derwent World Patents Index to be reloaded and enhanced during
second quarter; strategies may be affected
NEWS 16 MAY 10 CA/CAPLUS enhanced with 1900-1906 U.S. patent records
NEWS 17 MAY 11 KOREAPAT updates resume
NEWS 18 MAY 19 Derwent World Patents Index to be reloaded and enhanced
NEWS 19 MAY 30 IPC 8 Rolled-up Core codes added to CA/CAPLUS and
USPATFULL/USPAT2
NEWS 20 MAY 30 The F-Term thesaurus is now available in CA/CAPLUS
NEWS 21 JUN 02 The first reclassification of IPC codes now complete in
INPADOC

NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT
<http://download.cas.org/express/v8.0-Discover/>

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8
NEWS X25 X.25 communication option no longer available after June 2006

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 12:12:38 ON 13 JUN 2006

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 12:12:44 ON 13 JUN 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0

DICTIONARY FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

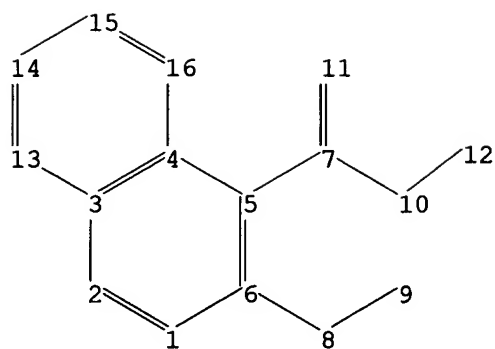
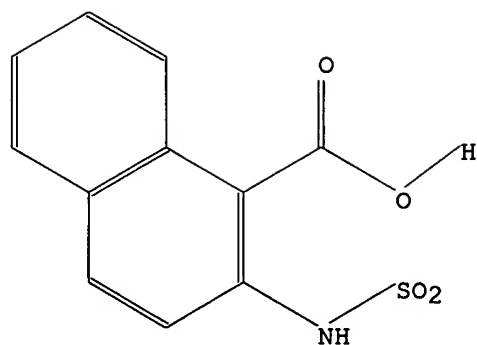
Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary files\10667358\10667358 claims 4-8.str



```

chain nodes :
7 8 9 10 11 12
ring nodes :
1 2 3 4 5 6 13 14 15 16
chain bonds :
5-7 6-8 7-10 7-11 8-9 10-12
ring bonds :
1-2 1-6 2-3 3-4 3-13 4-5 4-16 5-6 13-14 14-15 15-16
exact/norm bonds :
6-8 8-9
exact bonds :
5-7 10-12
normalized bonds :
1-2 1-6 2-3 3-4 3-13 4-5 4-16 5-6 7-10 7-11 13-14 14-15 15-16

```

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:Atom 14:Atom 15:Atom 16:Atom

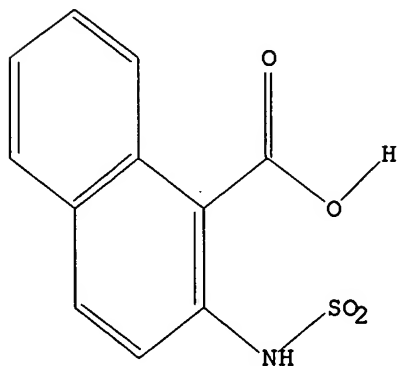
```

L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> search 11 sss sam

SAMPLE SEARCH INITIATED 12:13:08 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 15 TO ITERATE

100.0% PROCESSED 15 ITERATIONS
SEARCH TIME: 00.00.01

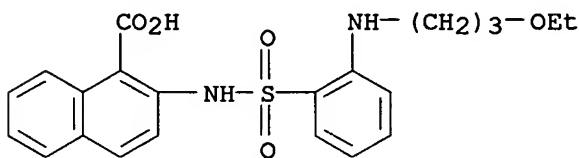
7 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 68 TO 532
PROJECTED ANSWERS: 7 TO 298

L2 7 SEA SSS SAM L1

=> d scan

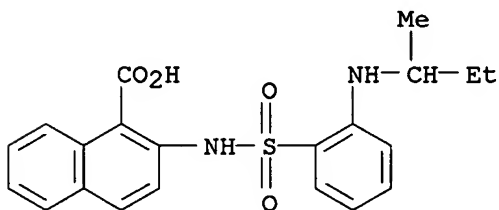
L2 7 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 2-[[[2-[(3-ethoxypropyl)amino]phenyl]sulfonyl]amino]- (9CI)
MF C22 H24 N2 O5 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

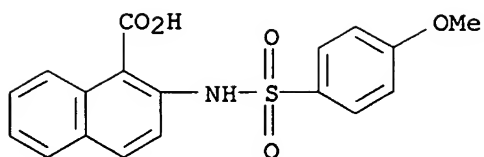
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):7

L2 7 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 2-[[[2-[(1-methylpropyl)amino]phenyl]sulfonyl]amino]- (9CI)
MF C21 H22 N2 O4 S



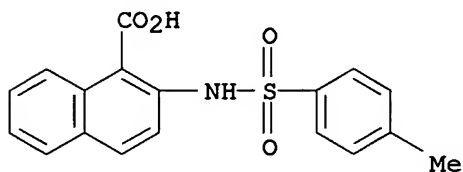
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 7 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 2-[[[4-methoxyphenyl)sulfonyl]amino]- (9CI)
MF C18 H15 N O5 S



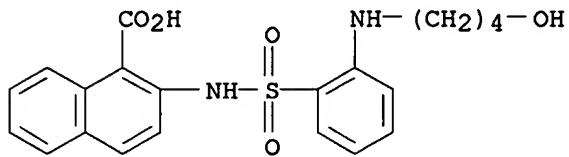
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 7 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 1-Naphthalenecarboxylic acid, 2-[[4-methylphenyl)sulfonyl]amino]- (9CI)
 MF C18 H15 N O4 S



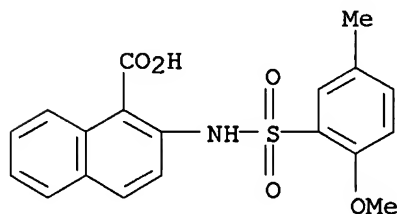
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 7 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 1-Naphthalenecarboxylic acid, 2-[[2-[(4-hydroxybutyl)amino]phenyl)sulfonyl]amino]- (9CI)
 MF C21 H22 N2 O5 S



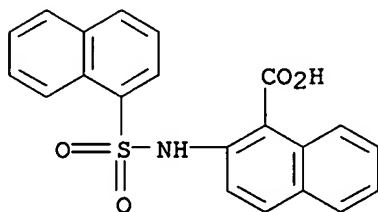
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 7 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 1-Naphthalenecarboxylic acid, 2-[[2-methoxy-5-methylphenyl)sulfonyl]amino]- (9CI)
 MF C19 H17 N O5 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 7 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 2-[(1-naphthalenylsulfonyl)amino]- (9CI)
MF C21 H15 N O4 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.44

0.65

FILE 'CAPLUS' ENTERED AT 12:13:26 ON 13 JUN 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 13 Jun 2006 VOL 144 ISS 25

FILE LAST UPDATED: 12 Jun 2006 (20060612/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> l2

L3 5 L2

=> d l3 3-5 ti fbib abs

L3 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN

TI Preparation of sulfonamides having antiangiogenic and anticancer activity

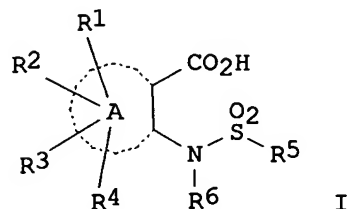
AN 2004:333690 CAPLUS
 DN 140:357061
 TI Preparation of sulfonamides having antiangiogenic and anticancer activity
 IN Comess, Kenneth M.; Erickson, Scott A.; Henkin, Jack; Calvin, Douglas M.;
 Kawai, Megumi; Kim, Ki H.; Bamaung, Nwe Y.; Park, Chan Hoon; Sheppard,
 George S.; Vasudevan, Anil; Wang, Jieyi; Barnes, David M.; Fidanze, Steve
 D.; Kolaczowski, Lawrence; Mantei, Robert A.; Park, David C.; Sanders,
 William J.; Tedrow, Jason S.; Wang, Gary T.
 PA Abbott Laboratories, USA
 SO PCT Int. Appl., 309 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004033419	A1	20040422	WO 2003-US31671	20031006
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
	US 2004068012	A1	20040408	US 2002-267081	20021008
	US 2004157836	A1	20040812	US 2003-667358	20030923
				US 2002-267081	A2 20021008
	CA 2501520	AA	20040422	CA 2003-2501520	20031006
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
	AU 2003279857	A1	20040504	AU 2003-279857	20031006
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
	EP 1549613	A1	20050706	EP 2003-773182	20031006
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006

PATENT FAMILY INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004068012	A1	20040408	US 2002-267081	20021008
	US 2004157836	A1	20040812	US 2003-667358	20030923
				US 2002-267081	A2 20021008
	CA 2501520	AA	20040422	CA 2003-2501520	20031006
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
	WO 2004033419	A1	20040422	WO 2003-US31671	20031006
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,				

				TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW	
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
AU	2003279857	A1	20040504	AU 2003-279857	20031006
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
EP	1549613	A1	20050706	EP 2003-773182	20031006
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
FAN	2004:652631				
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004157836	A1	20040812	US 2003-667358	20030923
				US 2002-267081	A2 20021008
	US 2004068012	A1	20040408	US 2002-267081	20021008
	CA 2501520	AA	20040422	CA 2003-2501520	20031006
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
WO	2004033419	A1	20040422	WO 2003-US31671	20031006
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
AU	2003279857	A1	20040504	AU 2003-279857	20031006
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
EP	1549613	A1	20050706	EP 2003-773182	20031006
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
OS	MARPAT 140:357061				
GI					



AB The title compds. [I; A = 5-6 membered (non)aromatic ring containing 0-3 atoms selected from N, O, and S (wherein the ring is optionally fused to a second 5-7 membered (non)aromatic ring containing 0-3 atoms selected from N, O, and S); R1-R3 = H, alkenyl, alkoxy, etc.; R4 = H, alkyl, alkoxy, etc.; R5 = alkyl, NH2, aminoalkyl, aryl, etc.; R6 = H, alkyl, aryl, etc.; provided that when A = Ph, at least one of R1-R4 is other than H, alkyl, halo] having methionine aminopeptidase-2 inhibitory (MetAP2) activity, were prepared E.g., a multi-step synthesis of 5-ethyl-2-[(phenylsulfonyl)amino]benzoic acid, starting from 4-ethylaniline, was given. Representative compds. I had IC50's between about 0.005 μ M and >100 μ M against MetAP2. Also described are pharmaceutical compns. comprising the compds. I, methods of treatment using the compds. I, methods of inhibiting angiogenesis, and methods of treating cancer.

RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
TI Sulfonamides having antiangiogenic and anticancer activity
AN 2004:293400 CAPLUS
DN 140:315047
TI Sulfonamides having antiangiogenic and anticancer activity
IN Comess, Kenneth M.; Erickson, Scott A.; Henkin, Jack; Kalvin, Douglas M.; Kawai, Megumi; Kim, Ki Hwan; Bamaung, Nwe Y.; Park, Chang Hoon; Sheppard, George S.; Vasudevan, Anil; Wang, Jieyi
PA USA
SO U.S. Pat. Appl. Publ., 26 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004068012	A1	20040408	US 2002-267081	20021008
	US 2004157836	A1	20040812	US 2003-667358	20030923
				US 2002-267081	A2 20021008
	CA 2501520	AA	20040422	CA 2003-2501520	20031006
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
	WO 2004033419	A1	20040422	WO 2003-US31671	20031006
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
AU	2003279857	A1	20040504	AU 2003-279857	20031006
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
EP	1549613	A1	20050706	EP 2003-773182	20031006
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006

PATENT FAMILY INFORMATION:

FAN 2004:333690

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004033419	A1	20040422	WO 2003-US31671	20031006
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
	US 2004068012	A1	20040408	US 2002-267081	20021008
	US 2004157836	A1	20040812	US 2003-667358	20030923
				US 2002-267081	A2 20021008
	CA 2501520	AA	20040422	CA 2003-2501520	20031006
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
	AU 2003279857	A1	20040504	AU 2003-279857	20031006
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
	EP 1549613	A1	20050706	EP 2003-773182	20031006
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006

FAN 2004:652631

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004157836	A1	20040812	US 2003-667358	20030923
				US 2002-267081	A2 20021008
	US 2004068012	A1	20040408	US 2002-267081	20021008
	CA 2501520	AA	20040422	CA 2003-2501520	20031006
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
	WO 2004033419	A1	20040422	WO 2003-US31671	20031006
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
	AU 2003279857	A1	20040504	AU 2003-279857	20031006
				US 2002-267081	A 20021008
				US 2003-667358	A 20030923
				WO 2003-US31671	W 20031006
	EP 1549613	A1	20050706	EP 2003-773182	20031006
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				

IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
 US 2002-267081 A 20021008
 US 2003-667358 A 20030923
 WO 2003-US31671 W 20031006

AB Compds. having methionine aminopeptidase-2 inhibitory (MetAP2) are described. Also described are pharmaceutical compns. comprising the compds., methods of treatment using the compds., methods of inhibiting angiogenesis, and methods of treating cancer.

L3 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN

TI Comparative study of properties inherent in serine proteases of lower and higher vertebrates

AN 1991:444903 CAPLUS

DN 115:44903

TI Comparative study of properties inherent in serine proteases of lower and higher vertebrates

AU Kolodzeiskaya, M. V.; Verevka, S. V.

CS A. V. Palladin Inst. Biochem., Kiev, USSR

SO Ukrainskii Biokhimicheskii Zhurnal (1978-1999) (1990), 62(6), 31-7
 CODEN: UBZHD4; ISSN: 0201-8470

DT Journal

LA Russian

AB Results of the comparative study of trypsin- and chymotrypsin-like serine proteases from pyloric caeca of salmon and trypsin and chymotrypsin of bull are presented. The hydrolytic activity of salmon proteases with respect to Me ethers of N-benzoyl-L-leucine is 2.4 times higher than that of bull chymotrypsin, but with respect to Me esters of N-benzoyl-L-tyrosine and N-benzoyl-L-arginine the activity of salmon proteases is 6.5 and 80 times lower than that of bull chymotrypsin and trypsin. Salmon proteases in contrast to bull trypsin and chymotrypsin hydrolyze N-glutaryl-L-phenylalanine paranitroanilide slightly. It shown that fish proteases are not absolutely specific to synthetic substrates, which is a result of their less pronounced (than in case of bull trypsin and chymotrypsin) differences in structures of binding centers. The study of the salmon protease interaction with some immobilized ligands has confirmed the higher affinity of enzymes to reagents with two space-separated aromatic rings in their composition. It is supposed that salmon proteases

interact

with such reagents through two sites: hydrophobic pockets and probably addnl. binding site of the active center. The salmon protease preparation demonstrates higher resistance to inactivating action of formaldehyde within the range of concns. 2-16% than bull chymotrypsin does.

=> d 13 5 it

L3 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN

IT Whale

(serine proteinase of, formaldehyde inhibition of)

IT Salmon

(trypsin and chymotrypsin of, substrate specificity of, mammalian enzymes comparison with)

IT Cattle

(trypsin and chymotrypsin of, substrate specificity of, salmon enzymes comparison with)

IT Molecular structure-biological activity relationship

(serine proteinase substrate, of amino acid hydrophobic derivs.)

IT Enzyme functional sites

(substrate-binding, of serine proteinases, of salmon and mammals, comparative study of)

IT 37259-58-8, Serine proteinase

RL: BIOL (Biological study)

(formaldehyde inhibition of, of whale, fish and mammalian enzymes in

relation to)
 IT 1161-13-3 1220-80-0 2198-64-3 4631-12-3 5699-79-6 6094-36-6
 6311-23-5 13139-15-6 27458-06-6 37028-84-5 37028-85-6
134864-08-7
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of, with chymotrypsin and trypsin of salmon)
 IT 50-00-0, Formaldehyde, biological studies
 RL: BIOL (Biological study)
 (serine proteinase of mammals and salmon inhibition by)
 IT 9002-07-7, Trypsin 9004-07-3, Chymotrypsin
 RL: BIOL (Biological study)
 (substrate specificity of, of mammals and salmon, comparative study of)

=> 134864-08-7

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...
 Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L5 5 L4

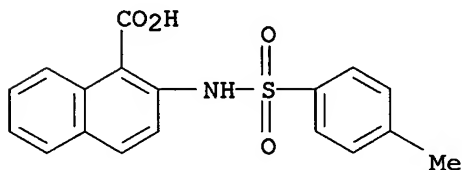
=> display hitstr l5 1-5

MISSING OPERATOR HITSTR L5

The search profile that was entered contains terms or
 nested terms that are not separated by a logical operator.

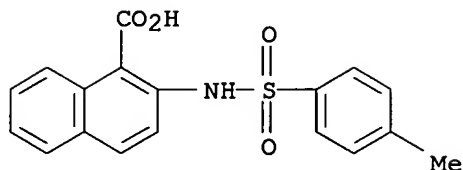
=> display hitstr l5 1-5

L5 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
 IT **134864-08-7P**, 2-[[(4-Methylphenyl)sulfonyl]amino]-1-naphthoic acid
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)
 (preparation of sulfonamides having antiangiogenic and anticancer activity)
 RN 134864-08-7 CAPLUS
 CN 1-Naphthalenecarboxylic acid, 2-[[(4-methylphenyl)sulfonyl]amino]- (9CI)
 (CA INDEX NAME)



L5 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
 IT **134864-08-7P**, 2-[[(4-Methylphenyl)sulfonyl]amino]-1-naphthoic acid
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)
 (preparation of sulfonamides having antiangiogenic and anticancer activity)
 RN 134864-08-7 CAPLUS
 CN 1-Naphthalenecarboxylic acid, 2-[[(4-methylphenyl)sulfonyl]amino]- (9CI)

(CA INDEX NAME)



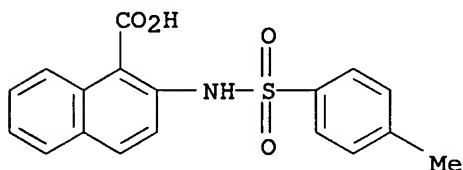
L5 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN

IT **134864-08-7P**, 2-[[4-Methylphenyl]sulfonyl]amino]-1-naphthoic acid
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)

(preparation of sulfonamides having antiangiogenic and anticancer activity)

RN 134864-08-7 CAPLUS

CN 1-Naphthalenecarboxylic acid, 2-[[4-methylphenyl]sulfonyl]amino]- (9CI)
(CA INDEX NAME)



L5 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN

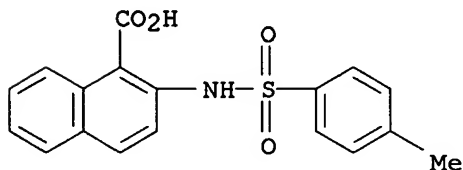
IT **134864-08-7P**

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)

(sulfonamides having antiangiogenic and anticancer activity)

RN 134864-08-7 CAPLUS

CN 1-Naphthalenecarboxylic acid, 2-[[4-methylphenyl]sulfonyl]amino]- (9CI)
(CA INDEX NAME)



L5 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN

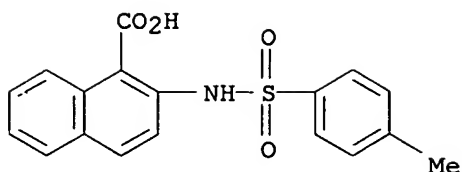
IT **134864-08-7**

RL: RCT (Reactant); RACT (Reactant or reagent)

(reaction of, with chymotrypsin and trypsin of salmon)

RN 134864-08-7 CAPLUS

CN 1-Naphthalenecarboxylic acid, 2-[[4-methylphenyl]sulfonyl]amino]- (9CI)
(CA INDEX NAME)



=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

16.10

41.12

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

0.00

-2.25

FILE 'REGISTRY' ENTERED AT 12:18:34 ON 13 JUN 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0

DICTIONARY FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

```
*****
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*
*****
```

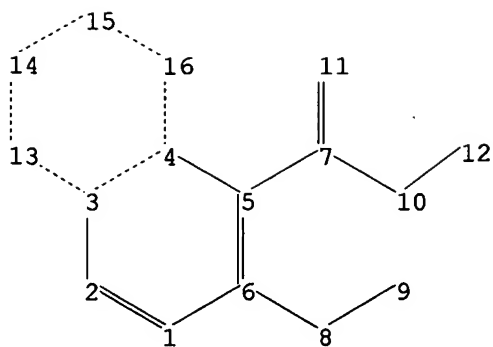
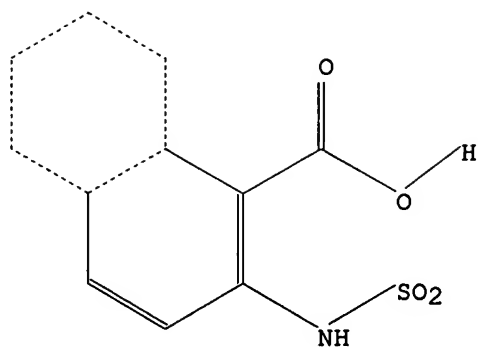
Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary files\10667358\10667358 claims saturated 4-8.str



```

chain nodes :
7 8 9 10 11 12
ring nodes :
1 2 3 4 5 6 13 14 15 16
chain bonds :
5-7 6-8 7-10 7-11 8-9 10-12
ring bonds :
1-2 1-6 2-3 3-4 3-13 4-5 4-16 5-6 13-14 14-15 15-16
exact/norm bonds :
1-2 1-6 2-3 3-4 3-13 4-5 4-16 5-6 6-8 8-9 13-14 14-15 15-16
exact bonds :
5-7 10-12
normalized bonds :
7-10 7-11

```

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:Atom 14:Atom 15:Atom 16:Atom

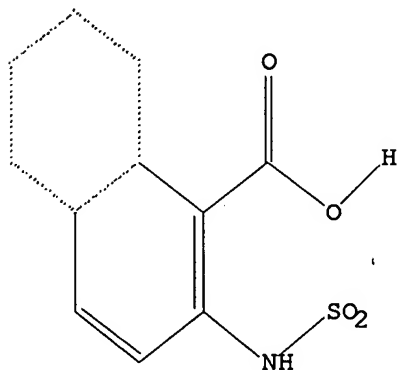
```

L6 STRUCTURE UPLOADED

=> d 16

L6 HAS NO ANSWERS

L6 STR



Structure attributes must be viewed using STN Express query preparation.

=> search 16 sss sam

SAMPLE SEARCH INITIATED 12:19:02 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 182 TO ITERATE

100.0% PROCESSED 182 ITERATIONS
SEARCH TIME: 00.00.01

17 ANSWERS

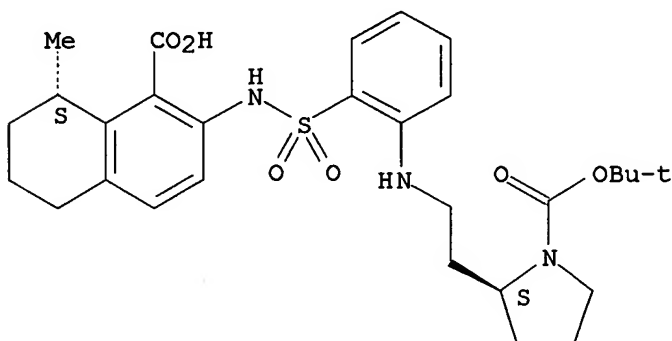
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2831 TO 4449
PROJECTED ANSWERS: 93 TO 587

L7 17 SEA SSS SAM L6

=> d scan

L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Pyrrolidinecarboxylic acid, 2-[2-[[2-[[[(8S)-1-carboxy-5,6,7,8-
tetrahydro-8-methyl-2-naphthalenyl]amino]sulfonyl]phenyl]amino]ethyl]-,
1-(1,1-dimethylethyl) ester, (2S)- (9CI)
MF C29 H39 N3 O6 S

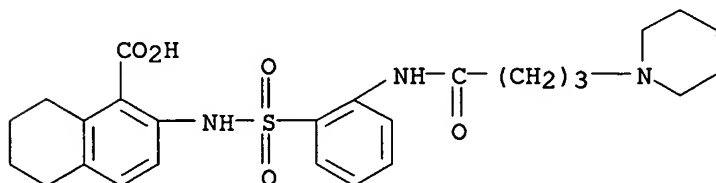
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):17

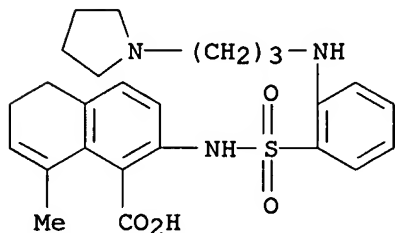
L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 5,6,7,8-tetrahydro-2-[[[2-[[1-oxo-4-(1-
piperidinyl)butyl]amino]phenyl]sulfonyl]amino]- (9CI)
MF C26 H33 N3 O5 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

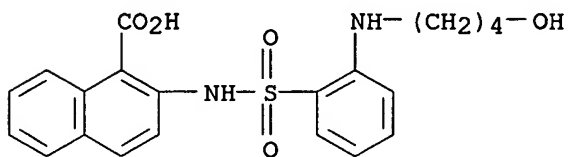
L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

IN 1-Naphthalenecarboxylic acid, 5,6-dihydro-8-methyl-2-[[[2-[[3-(1-pyrrolidinyl)propyl]amino]phenyl]sulfonyl]amino]- (9CI)
 MF C25 H31 N3 O4 S



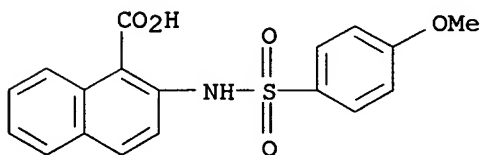
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 1-Naphthalenecarboxylic acid, 2-[[[2-[(4-hydroxybutyl)amino]phenyl]sulfonyl]amino]- (9CI)
 MF C21 H22 N2 O5 S



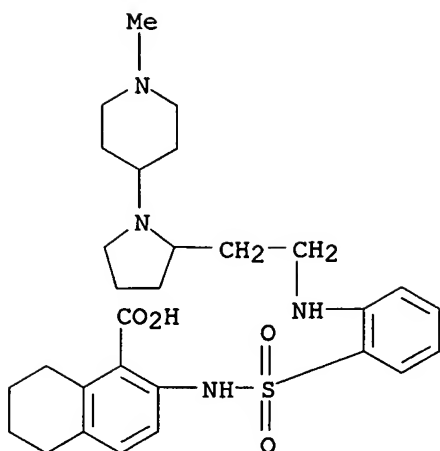
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 1-Naphthalenecarboxylic acid, 2-[[[2-[(4-methoxyphenyl)sulfonyl]amino]- (9CI)
 MF C18 H15 N O5 S



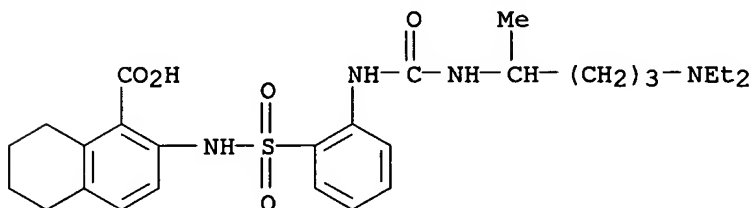
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 1-Naphthalenecarboxylic acid, 5,6,7,8-tetrahydro-2-[[[2-[[2-[1-(1-methyl-4-piperidinyl)-2-pyrrolidinyl]ethyl]amino]phenyl]sulfonyl]amino]- (9CI)
 MF C29 H40 N4 O4 S



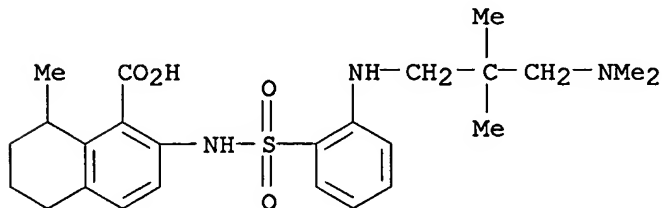
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 1-Naphthalenecarboxylic acid, 2-[[[2-[[[4-(diethylamino)-1-methylbutyl]amino]carbonyl]amino]phenyl]sulfonyl]amino]-5,6,7,8-tetrahydro- (9CI)
 MF C27 H38 N4 O5 S



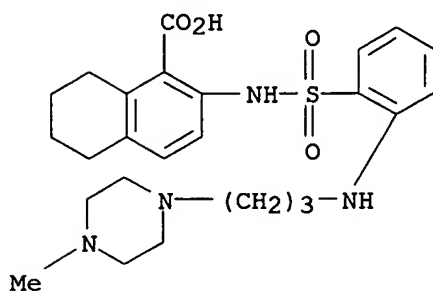
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 1-Naphthalenecarboxylic acid, 2-[[[2-[[[3-(dimethylamino)-2,2-dimethylpropyl]amino]phenyl]sulfonyl]amino]-5,6,7,8-tetrahydro-8-methyl- (9CI)
 MF C25 H35 N3 O4 S



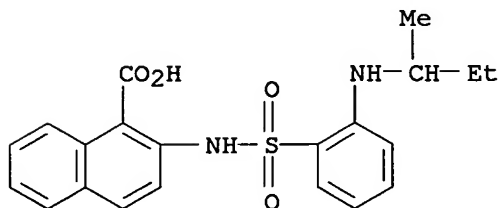
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 1-Naphthalenecarboxylic acid, 5,6,7,8-tetrahydro-2-[[[2-[[3-(4-methyl-1-piperazinyl)propyl]amino]phenyl]sulfonyl]amino]- (9CI)
 MF C25 H34 N4 O4 S



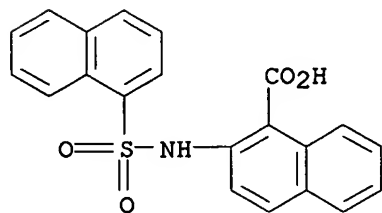
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 1-Naphthalenecarboxylic acid, 2-[[[2-[(1-methylpropyl)amino]phenyl]sulfonyl]amino]- (9CI)
 MF C21 H22 N2 O4 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

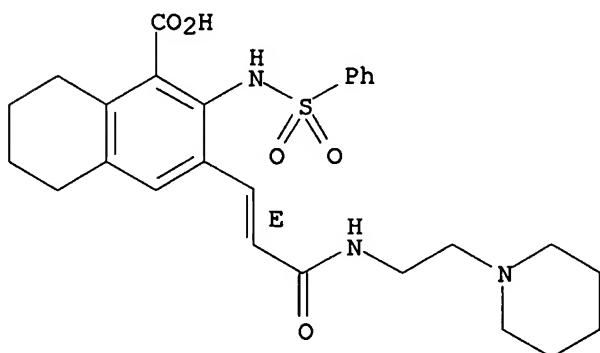
L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 1-Naphthalenecarboxylic acid, 2-[(1-naphthalenylsulfonyl)amino]- (9CI)
 MF C21 H15 N O4 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

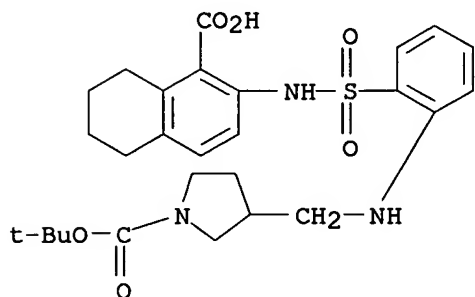
L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 1-Naphthalenecarboxylic acid, 5,6,7,8-tetrahydro-3-[(1E)-3-oxo-3-[[2-(1-piperidinyl)ethyl]amino]-1-propenyl]-2-[(phenylsulfonyl)amino]- (9CI)
 MF C27 H33 N3 O5 S

Double bond geometry as shown.



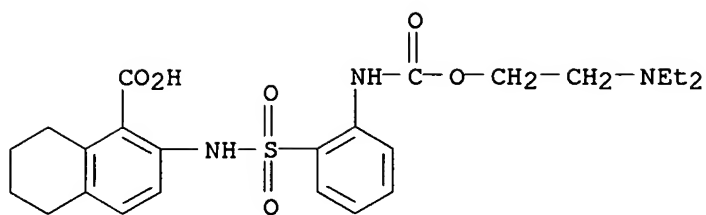
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 1-Pyrrolidinecarboxylic acid, 3-[[[2-[[[1-carboxy-5,6,7,8-tetrahydro-2-naphthalenyl]amino]sulfonyl]phenyl]amino]methyl]-, 1-(1,1-dimethylethyl) ester (9CI)
 MF C27 H35 N3 O6 S



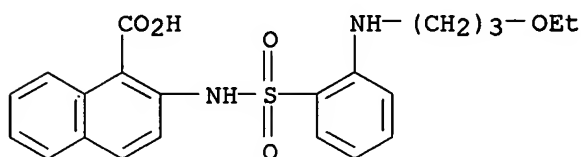
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 1-Naphthalenecarboxylic acid, 2-[[[2-[[[2-(diethylamino)ethoxy]carbonyl]amino]phenyl]sulfonyl]amino]-5,6,7,8-tetrahydro- (9CI)
 MF C24 H31 N3 O6 S



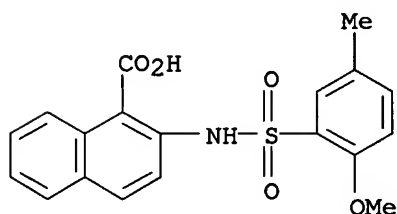
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 1-Naphthalenecarboxylic acid, 2-[[[2-[(3-ethoxypropyl)amino]phenyl]sulfonyl]amino]- (9CI)
 MF C22 H24 N2 O5 S



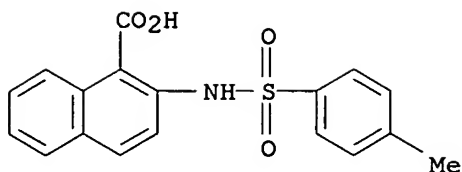
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 1-Naphthalenecarboxylic acid, 2-[[[2-methoxy-5-methylphenyl)sulfonyl]amino]- (9CI)
 MF C19 H17 N O5 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 1-Naphthalenecarboxylic acid, 2-[[[2-[(4-methylphenyl)sulfonyl]amino]- (9CI)
 MF C18 H15 N O4 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> e 1-Naphthalenecarboxylic acid, 5,6-dihydro-8-methyl-2-((2-((3-(1-pyrrolidinyl)propyl)amino)phenyl)sulfonyl)amino)-/cn

E1	1	1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-((2-((2-(1-PYRROLIDINYL)ETHYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN
E2	1	1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-((2-((2-(4-MORPHOLINYL)ETHYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN
E3	0 -->	1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-((2-((3-(1-PYRROLIDINYL)PROPYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN
E4	1	1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-((2-((3-(1-PIPERIDINYL)PROPYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN
E5	1	1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-((2-((3-(1-PYRROLIDINYL)PROPYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN
E6	1	1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-((2-((3-(2-METHYL-1-PIPERIDINYL)PROPYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN
E7	1	1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-((2-((3-(3-(METHYLAMINO)PHENYL)PROPYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN
E8	1	1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-((2-((3-(4-METHYL-1-PIPERAZINYL)PROPYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN
E9	1	1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-((2-(4-(PHENYLMETHYL)-1-PIPERAZINYL)PHENYL)SULFONYL)AMINO)-/CN
E10	1	1-NAPHTHALENECARBOXYLIC ACID, 5,7,7-TRIMETHYL-2-(1,3,3-TRIMETHYLBUTYL)OCTYL ESTER/CN
E11	1	1-NAPHTHALENECARBOXYLIC ACID, 5,7-DIBROMO-/CN
E12	1	1-NAPHTHALENECARBOXYLIC ACID, 5,7-DICHLORO-/CN

=> e 1-Naphthalenecarboxylic acid, 5,6-dihydro-8-methyl-2-((2-((3-(1-pyrrolidinyl)propyl)amino)phenyl)sulfonyl)amino)-/cn

E1	1	1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-((2-((2-(4-MORPHOLINYL)ETHYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN
E2	1	1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-((2-((3-(1-PIPERIDINYL)PROPYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN
E3	1 -->	1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-((2-((3-(1-PYRROLIDINYL)PROPYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN
E4	1	1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-((2-((3-(2-METHYL-1-PIPERIDINYL)PROPYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN
E5	1	1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-((2-((3-(3-(METHYLAMINO)PHENYL)PROPYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN
E6	1	1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-((2-((3-(4-METHYL-1-PIPERAZINYL)PROPYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN

E7 1 1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-((2-(4-(PHENYLMETHYL)-1-PIPERAZINYL)PHENYL)SULFONYL)AMINO)-/CN
 E8 1 1-NAPHTHALENECARBOXYLIC ACID, 5,7,7-TRIMETHYL-2-(1,3,3-TRIMETHYLBUTYL)OCTYL ESTER/CN
 E9 1 1-NAPHTHALENECARBOXYLIC ACID, 5,7-DIBROMO-/CN
 E10 1 1-NAPHTHALENECARBOXYLIC ACID, 5,7-DICHLORO-/CN
 E11 1 1-NAPHTHALENECARBOXYLIC ACID, 5,7-DICHLORO-, SODIUM SALT/CN
 E12 1 1-NAPHTHALENECARBOXYLIC ACID, 5,7-DIETHYL-2-HYDROXY-, CHROMIUM COMPLEX/CN

=> e3

L8 1 "1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-((2-(3-(1-PYRROLIDINYL)PROPYL)AMINO)PHENYL)SULFONYL)AMINO)-"/CN

=> d 18

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN

RN 681243-13-0 REGISTRY

ED Entered STN: 12 May 2004

CN 1-Naphthalenecarboxylic acid, 5,6-dihydro-8-methyl-2-[[[2-[[3-(1-pyrrolidinyl)propyl]amino]phenyl]sulfonyl]amino]- (9CI) (CA INDEX NAME)

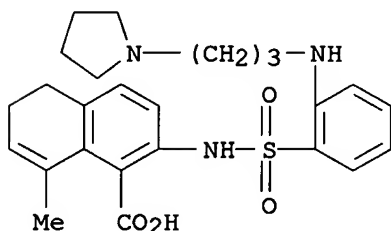
OTHER NAMES:

CN 8-Methyl-2-[[[2-[[3-(1-pyrrolidinyl)propyl]amino]phenyl]sulfonyl]amino]-5,6-dihydro-1-naphthalenecarboxylic acid

MF C25 H31 N3 O4 S

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)

3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

10.18

51.30

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

0.00

-2.25

FILE 'CAPLUS' ENTERED AT 12:23:17 ON 13 JUN 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is

held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 13 Jun 2006 VOL 144 ISS 25
FILE LAST UPDATED: 12 Jun 2006 (20060612/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> l8

L9 3 L8

=> d l9 1-3 ti

L9 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

TI Preparation of sulfonamides having antiangiogenic and anticancer activity

L9 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

TI Preparation of sulfonamides having antiangiogenic and anticancer activity

L9 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

TI Preparation of sulfonamides having antiangiogenic and anticancer activity

=> logoff hold

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
1.91	53.21

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-2.25

CA SUBSCRIBER PRICE

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 12:24:28 ON 13 JUN 2006